

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140596.D
 Acq On : 25 Nov 2024 12:09
 Operator : RC/JU
 Sample : PB165052BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165052BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 12:46:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	94726	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	366046	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205183	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	398573	20.000	ng	0.00
76) Chrysene-d12	14.057	240	258584	20.000	ng	0.00
86) Perylene-d12	15.556	264	208347	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	756007	136.172	ng	0.01
7) Phenol-d6	6.510	99	979612	133.468	ng	0.00
23) Nitrobenzene-d5	7.433	82	645713	90.230	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	313544	142.881	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1254898	91.125	ng	0.00
79) Terphenyl-d14	12.986	244	1477713	88.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	100849	43.204	ng	99
3) Pyridine	3.510	79	253212	49.302	ng	99
4) n-Nitrosodimethylamine	3.463	42	138917	46.021	ng	96
6) Aniline	6.534	93	240370	46.529	ng	# 83
8) 2-Chlorophenol	6.663	128	297398	49.791	ng	95
9) Benzaldehyde	6.422	77	24334	6.263	ng	96
10) Phenol	6.528	94	368743	49.194	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	281375	49.055	ng	99
12) 1,3-Dichlorobenzene	6.810	146	309838	46.165	ng	100
13) 1,4-Dichlorobenzene	6.886	146	316384	46.557	ng	99
14) 1,2-Dichlorobenzene	7.039	146	302660	47.530	ng	99
15) Benzyl Alcohol	7.016	79	270625	49.719	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	346674	51.160	ng	92
17) 2-Methylphenol	7.128	107	236220	49.405	ng	98
18) Hexachloroethane	7.381	117	117424	46.265	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	213187	49.147	ng	98
20) 3+4-Methylphenols	7.281	107	302644	49.246	ng	99
22) Acetophenone	7.281	105	410095	45.954	ng	99
24) Nitrobenzene	7.451	77	329888	44.602	ng	100
25) Isophorone	7.692	82	584836	48.997	ng	100
26) 2-Nitrophenol	7.769	139	160221	48.882	ng	97
27) 2,4-Dimethylphenol	7.804	122	239741	61.132	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	346950	47.713	ng	99
29) 2,4-Dichlorophenol	8.016	162	251849	48.465	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	265460	44.741	ng	99
31) Naphthalene	8.175	128	877292	46.529	ng	99
32) Benzoic acid	7.939	122	148326	44.143	ng	98
33) 4-Chloroaniline	8.222	127	132563	23.483	ng	99
34) Hexachlorobutadiene	8.286	225	176592	44.935	ng	99
35) Caprolactam	8.592	113	76309m	47.451	ng	
36) 4-Chloro-3-methylphenol	8.716	107	282412	48.540	ng	98
37) 2-Methylnaphthalene	8.863	142	583040	48.686	ng	99
38) 1-Methylnaphthalene	8.963	142	533669	45.463	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	278940	46.438	ng	99
41) Hexachlorocyclopentadiene	9.016	237	252382	177.179	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	180800	47.968	ng	99

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Manual Integrations
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	193273	47.248	ng	98
46) 1,1'-Biphenyl	9.327	154	727107	47.464	ng	100
47) 2-Chloronaphthalene	9.357	162	537936	46.343	ng	99
48) 2-Nitroaniline	9.457	65	182806	49.065	ng	96
49) Acenaphthylene	9.774	152	900067	51.320	ng	99
50) Dimethylphthalate	9.633	163	667957	49.430	ng	100
51) 2,6-Dinitrotoluene	9.698	165	142243	46.413	ng	95
52) Acenaphthene	9.945	154	544588	48.869	ng	98
53) 3-Nitroaniline	9.869	138	98268	32.784	ng	93
54) 2,4-Dinitrophenol	9.980	184	139414	87.068	ng	98
55) Dibenzofuran	10.116	168	817080	48.070	ng	100
56) 4-Nitrophenol	10.045	139	201877	98.754	ng	94
57) 2,4-Dinitrotoluene	10.104	165	198497	48.733	ng	98
58) Fluorene	10.463	166	647307	47.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	170684	54.292	ng	94
60) Diethylphthalate	10.327	149	670493	48.835	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	318742	47.604	ng	97
62) 4-Nitroaniline	10.486	138	152840	48.617	ng	95
63) Azobenzene	10.610	77	635929	48.910	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	103247	50.693	ng	98
66) n-Nitrosodiphenylamine	10.569	169	561659	47.651	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	197713	48.168	ng	96
68) Hexachlorobenzene	11.010	284	221512	46.606	ng	99
69) Atrazine	11.098	200	190550	57.466	ng	98
70) Pentachlorophenol	11.210	266	211014	100.875	ng	100
71) Phenanthrene	11.427	178	955175	49.855	ng	99
72) Anthracene	11.474	178	954897	50.952	ng	99
73) Carbazole	11.633	167	882457	48.946	ng	99
74) Di-n-butylphthalate	11.957	149	1038777	49.906	ng	99
75) Fluoranthene	12.615	202	1041789	50.082	ng	99
77) Benzidine	12.739	184	230497	30.659	ng	99
78) Pyrene	12.845	202	1070546	44.775	ng	100
80) Butylbenzylphthalate	13.457	149	421568	48.945	ng	98
81) Benzo(a)anthracene	14.045	228	840130	49.081	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	162909	31.699	ng	98
83) Chrysene	14.080	228	767340	49.026	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	555180	51.047	ng	98
85) Di-n-octyl phthalate	14.657	149	833480	56.077	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	606353	44.658	ng	98
88) Benzo(b)fluoranthene	15.121	252	675959	51.653	ng	99
89) Benzo(k)fluoranthene	15.151	252	565486	49.379	ng	99
90) Benzo(a)pyrene	15.498	252	564395	53.042	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	500105	44.975	ng	99
92) Benzo(g,h,i)perylene	17.527	276	452329	39.863	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140596.D
 Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

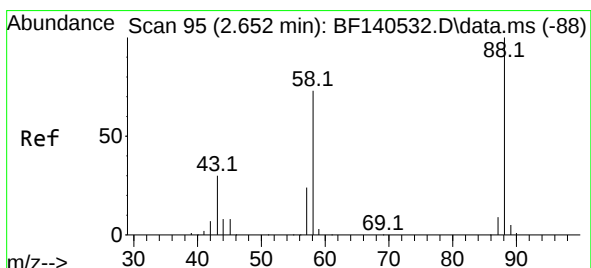
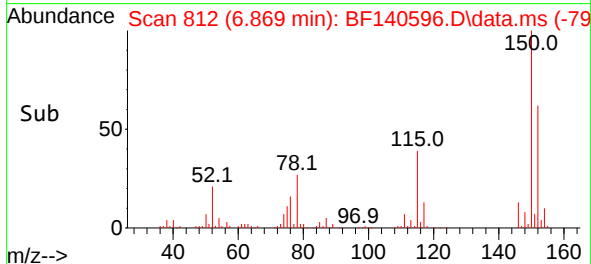
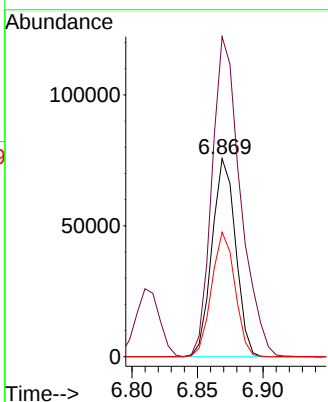
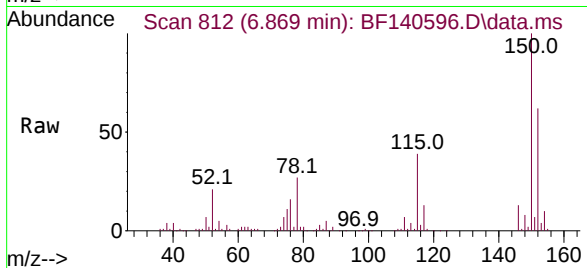
ClientSampleId :

PB165052BS

Tgt Ion:152 Resp: 94720
 Ion Ratio Lower Upper
 152 100
 150 161.5 128.5 192.7
 115 62.8 50.2 75.4

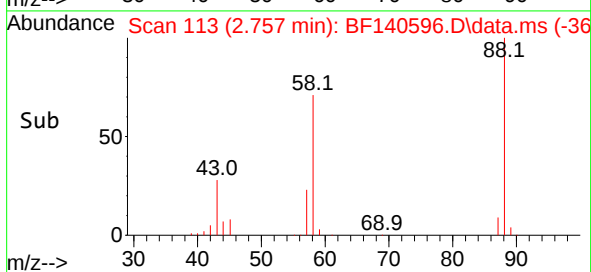
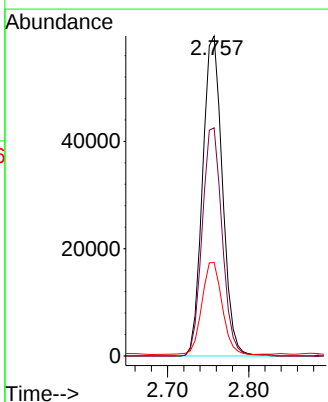
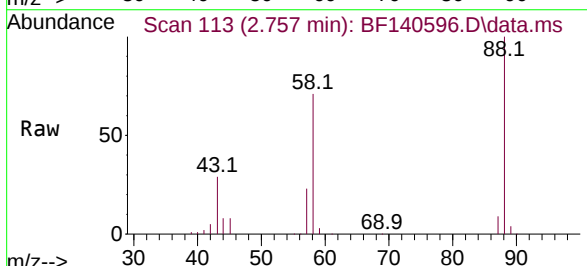
Manual Integrations
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 Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 43.204 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.106 min
 Lab File: BF140596.D
 Acq: 25 Nov 2024 12:09

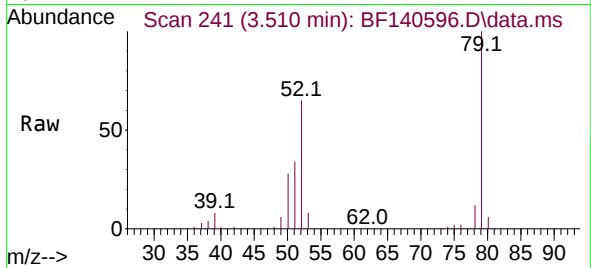
Tgt Ion: 88 Resp: 100849
 Ion Ratio Lower Upper
 88 100
 58 72.0 57.4 86.2
 43 29.5 24.3 36.5





#3
Pyridine
Concen: 49.302 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.088 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

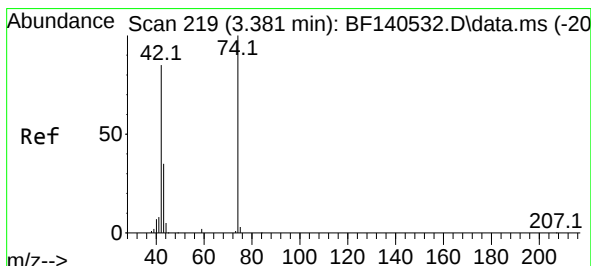
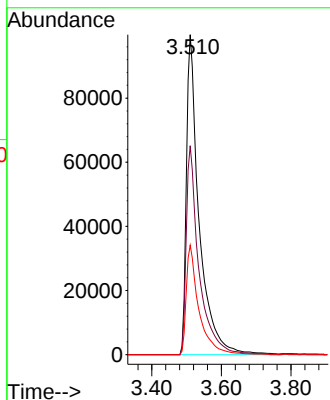
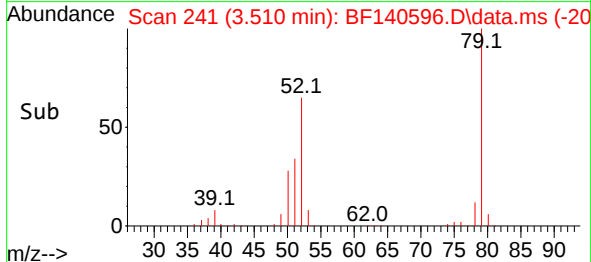
Instrument :
BNA_F
ClientSampleId :
PB165052BS



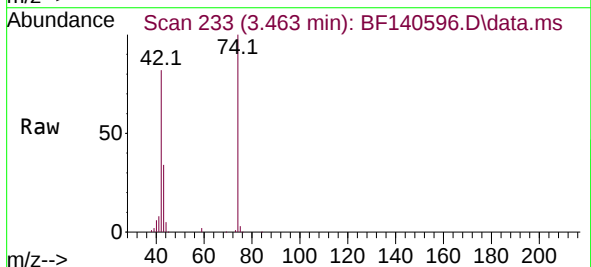
Tgt Ion: 79 Resp: 25321
Ion Ratio Lower Upper
79 100
52 65.3 52.1 78.1
51 34.2 27.8 41.8

Manual Integrations
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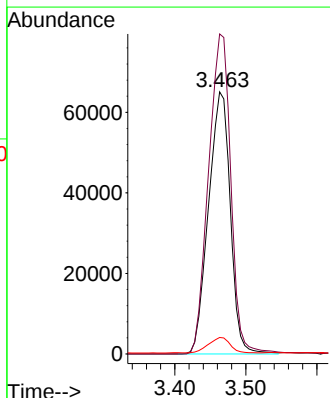
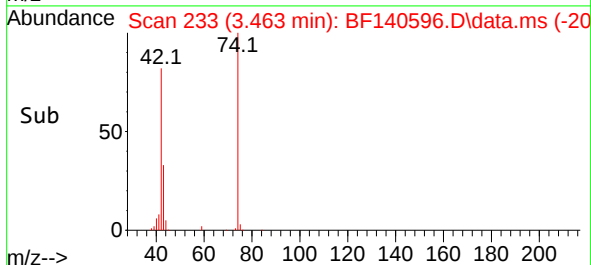
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

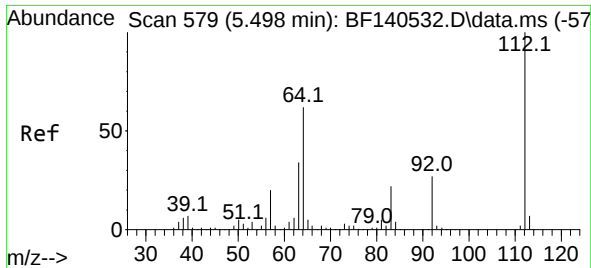


#4
n-Nitrosodimethylamine
Concen: 46.021 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.082 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion: 42 Resp: 138917
Ion Ratio Lower Upper
42 100
74 122.1 93.8 140.6
44 6.3 4.6 6.8





#5
2-Fluorophenol
Concen: 136.172 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

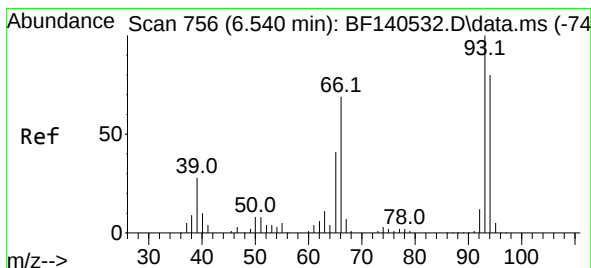
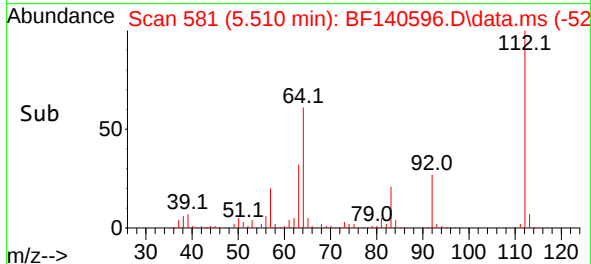
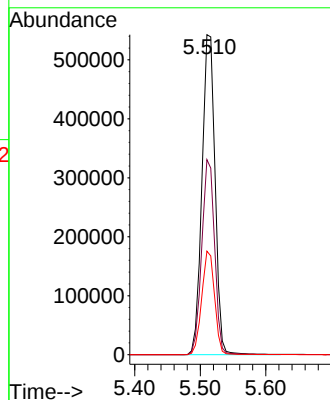
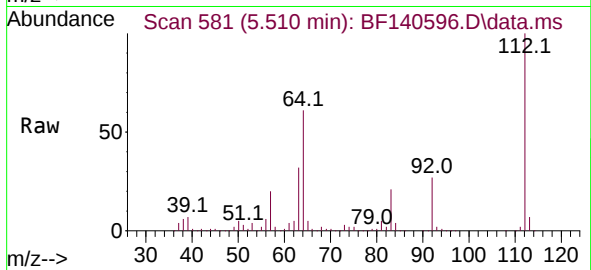
PB165052BS

Tgt Ion:112 Resp: 75600
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.3 27.0 40.4

Manual Integrations

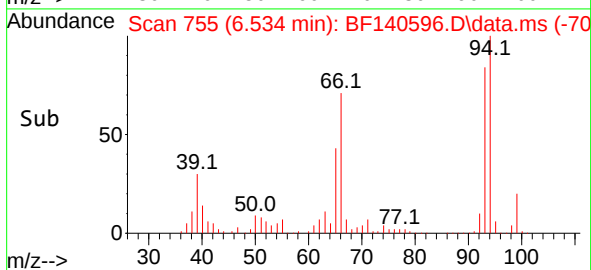
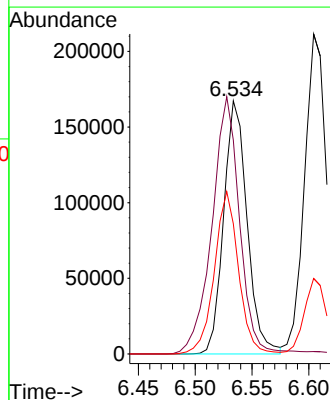
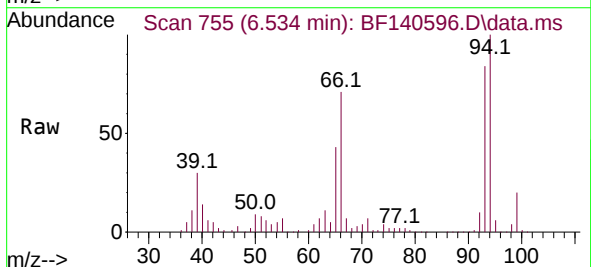
APPROVED

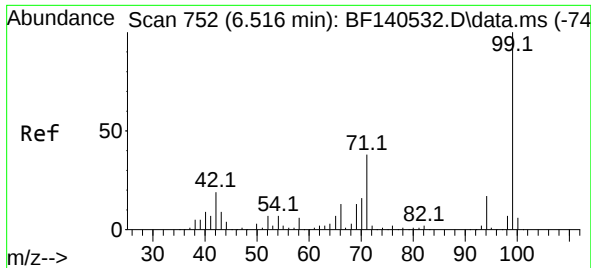
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 46.529 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

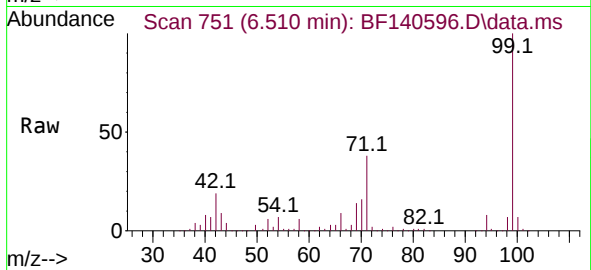
Tgt Ion: 93 Resp: 240370
Ion Ratio Lower Upper
93 100
66 84.5 56.5 84.7
65 51.4 32.9 49.3





#7
Phenol-d6
Concen: 133.468 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

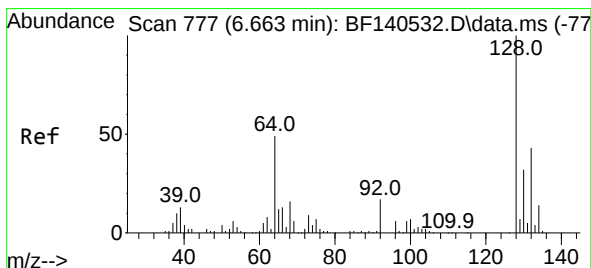
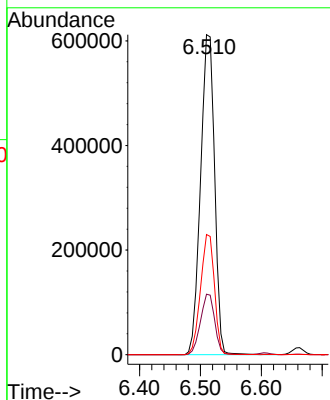
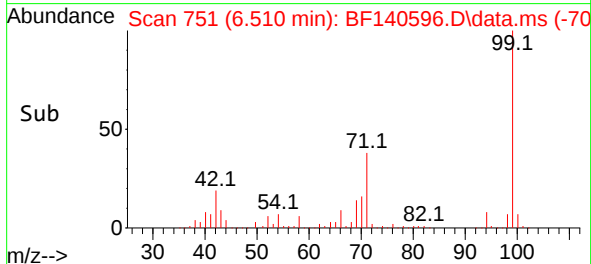
Instrument :
BNA_F
ClientSampleId :
PB165052BS



Tgt Ion: 99 Resp: 979612
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 37.6 30.6 46.0

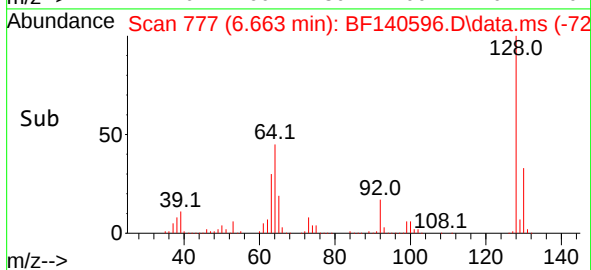
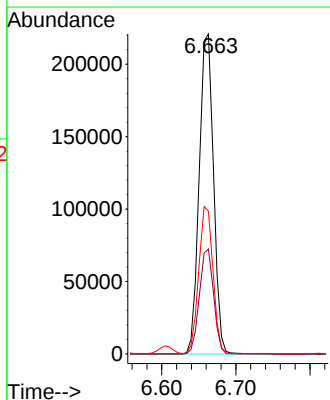
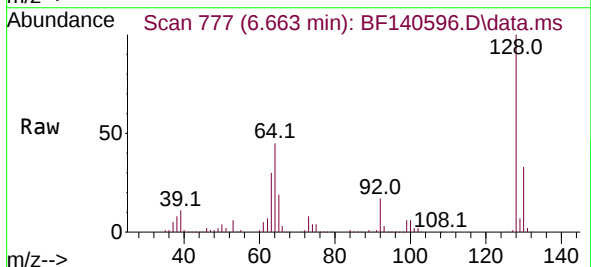
Manual Integrations
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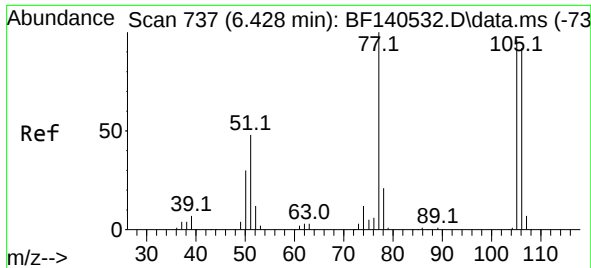
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 49.791 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:128 Resp: 297398
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 44.6 30.2 70.2





#9
Benzaldehyde
Concen: 6.263 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

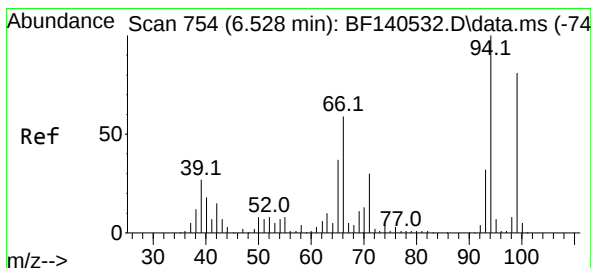
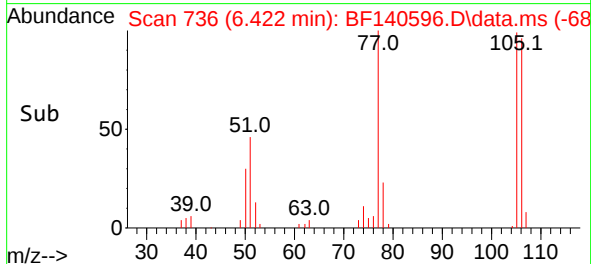
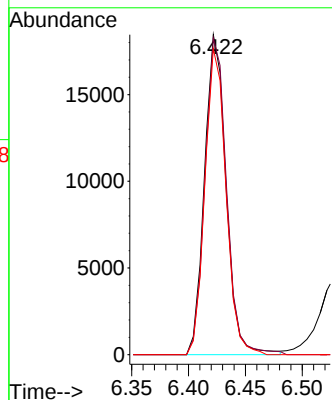
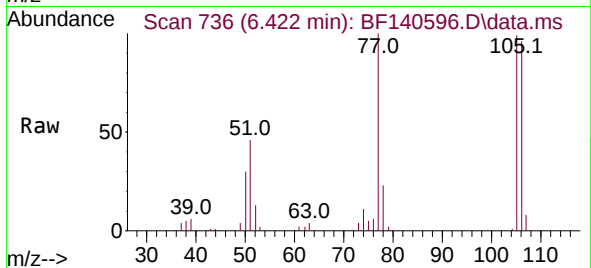
PB165052BS

Tgt Ion: 77 Resp: 24334
Ion Ratio Lower Upper
77 100
105 99.0 75.6 115.6
106 95.6 72.0 112.0

Manual Integrations

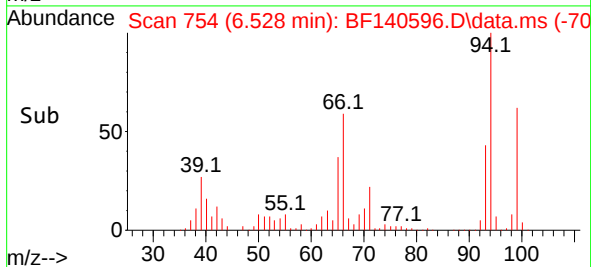
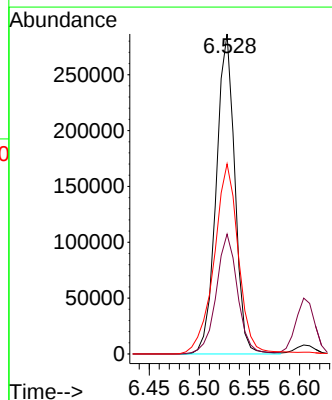
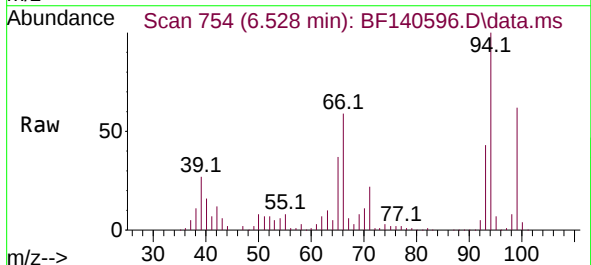
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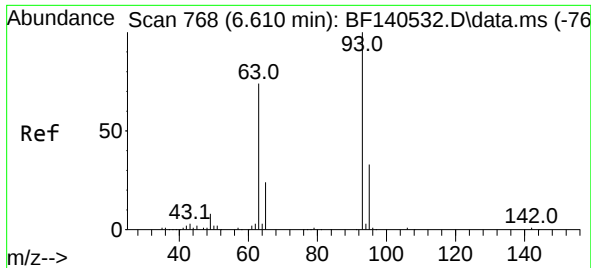
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 49.194 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

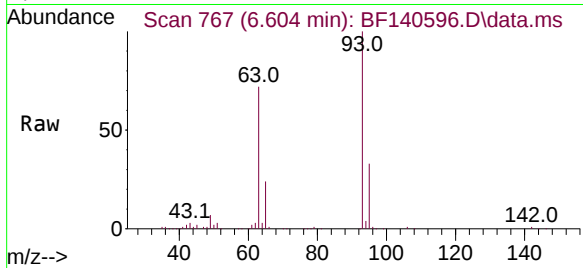
Tgt Ion: 94 Resp: 368743
Ion Ratio Lower Upper
94 100
65 37.5 17.2 57.2
66 59.4 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 49.055 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

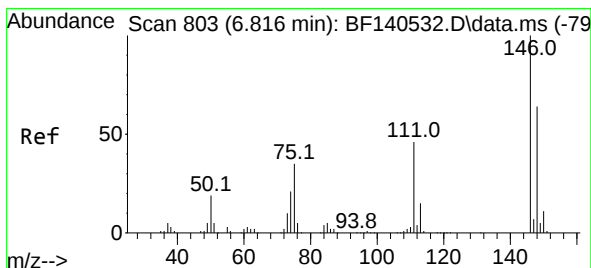
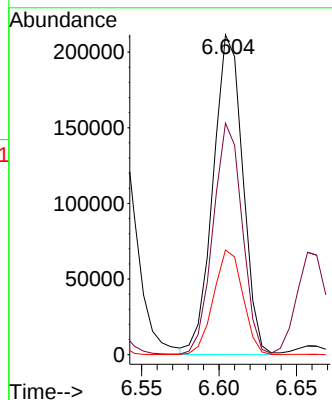
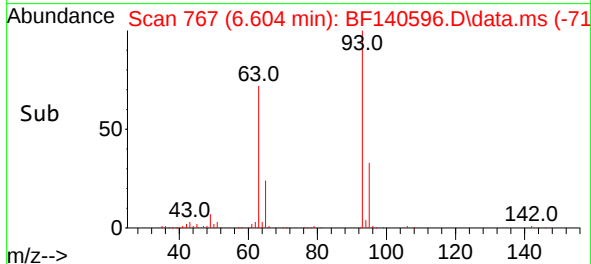
Instrument :
BNA_F
ClientSampleId :
PB165052BS



Tgt Ion: 93 Resp: 28137
Ion Ratio Lower Upper
93 100
63 72.3 52.8 92.8
95 32.7 12.3 52.3

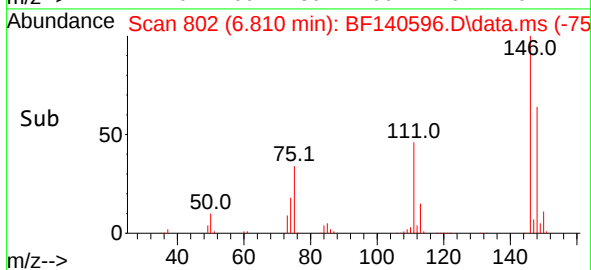
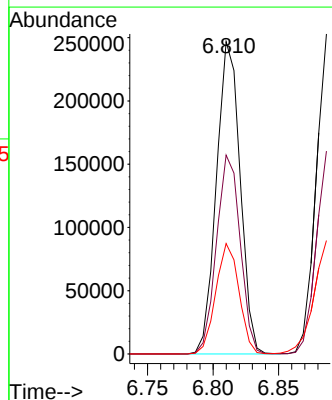
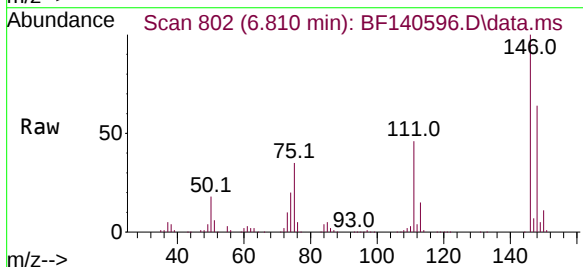
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 46.165 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:146 Resp: 309838
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 35.4 28.2 42.2





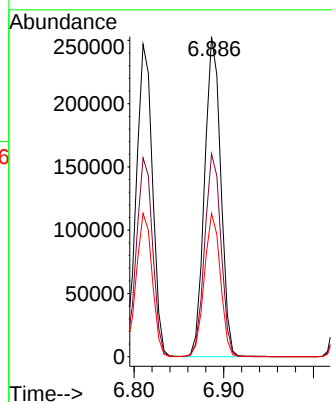
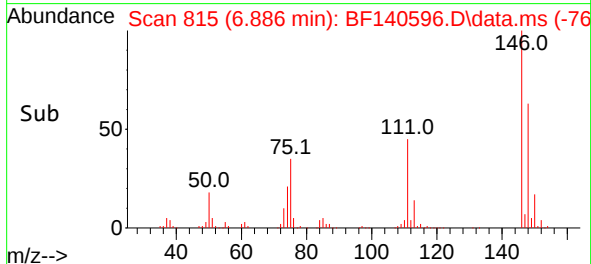
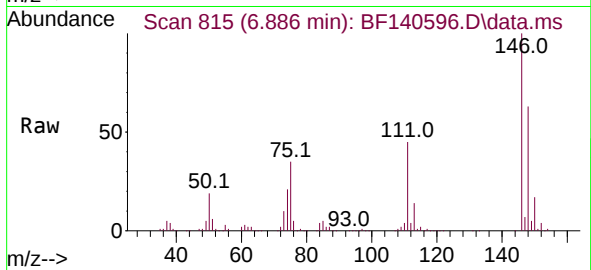
#13
1,4-Dichlorobenzene
Concen: 46.557 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :
BNA_F
ClientSampleId :
PB165052BS

Tgt Ion:146 Resp: 316384
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.8 35.3 52.9

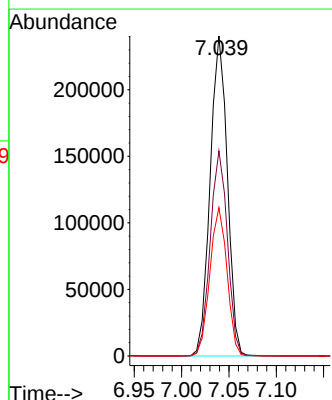
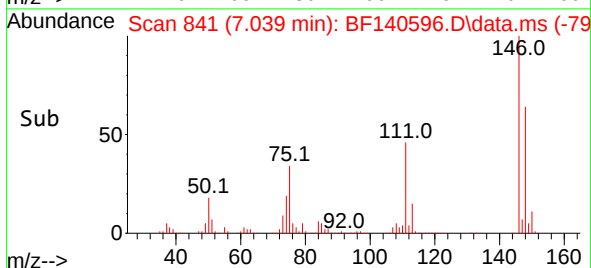
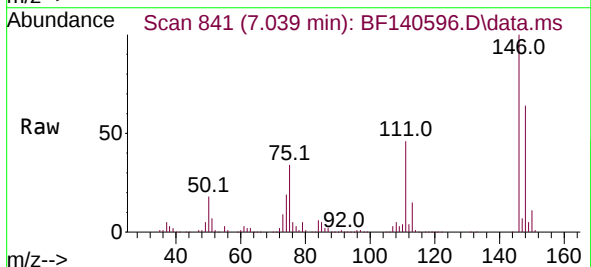
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 47.530 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

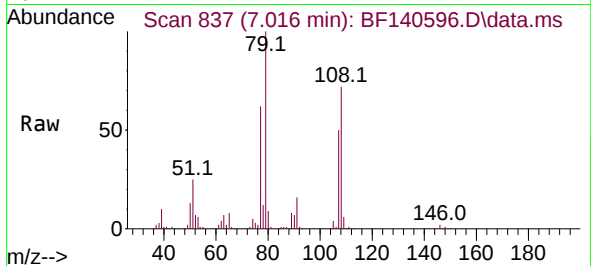
Tgt Ion:146 Resp: 302660
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 46.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.719 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

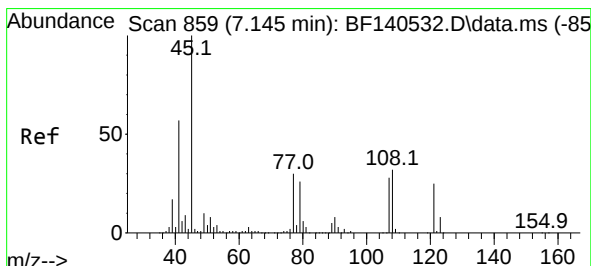
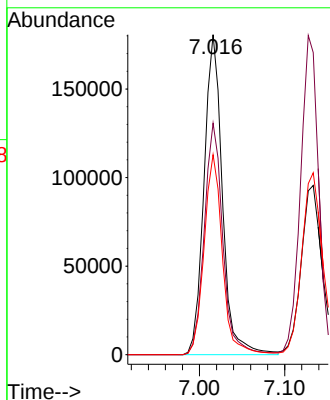
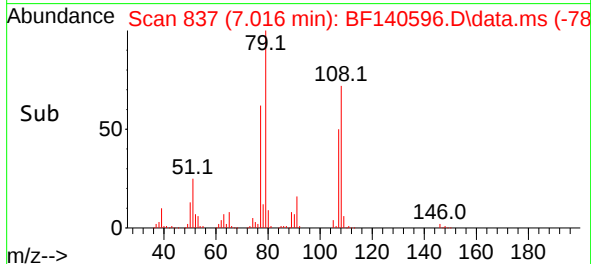
Instrument :
BNA_F
ClientSampleId :
PB165052BS



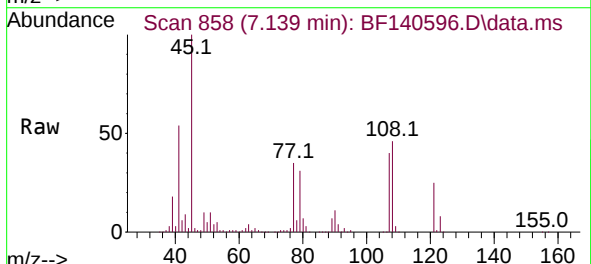
Tgt Ion: 79 Resp: 270629
Ion Ratio Lower Upper
79 100
108 72.4 55.0 82.6
77 62.5 50.1 75.1

Manual Integrations
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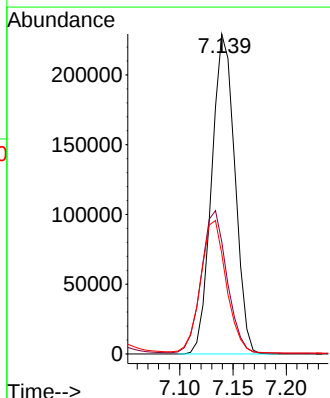
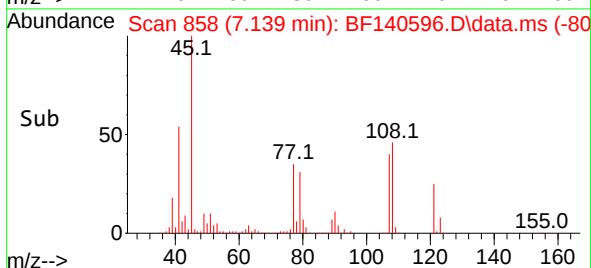
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

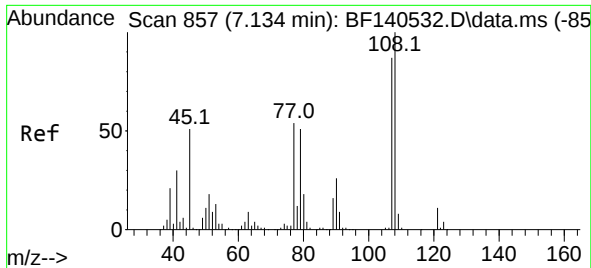


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.160 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion: 45 Resp: 346674
Ion Ratio Lower Upper
45 100
77 35.2 10.7 50.7
79 31.4 7.0 47.0





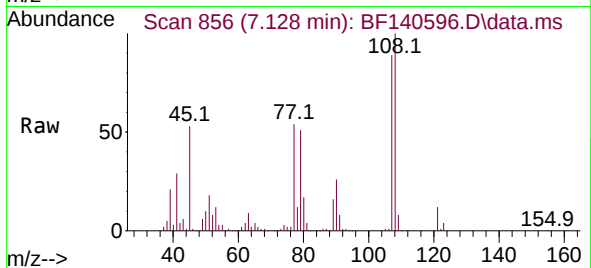
#17
2-Methylphenol
Concen: 49.405 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS



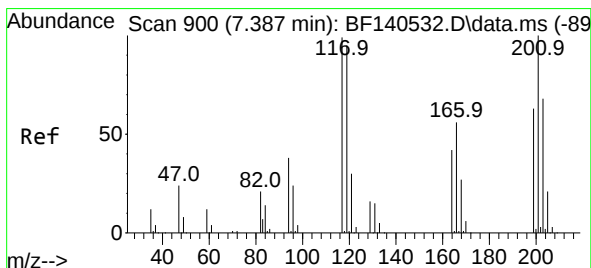
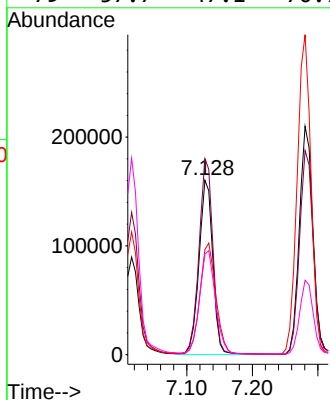
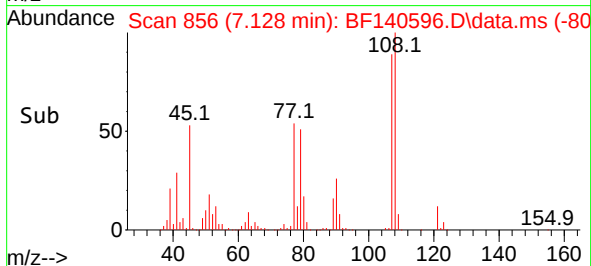
Tgt Ion:107 Resp: 236220
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 60.3 49.3 73.9
79 57.7 47.1 70.7

Manual Integrations

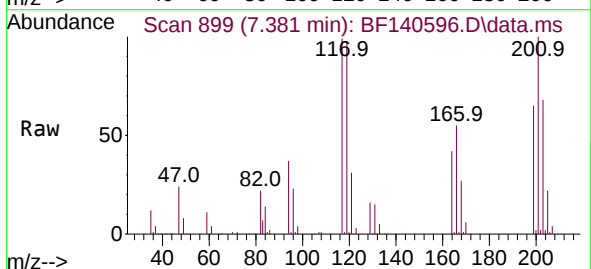
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

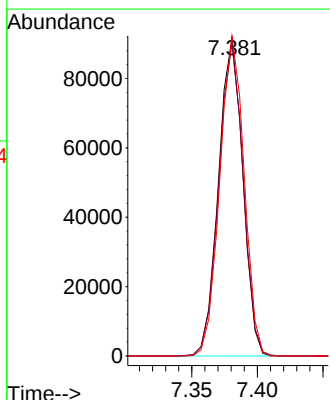
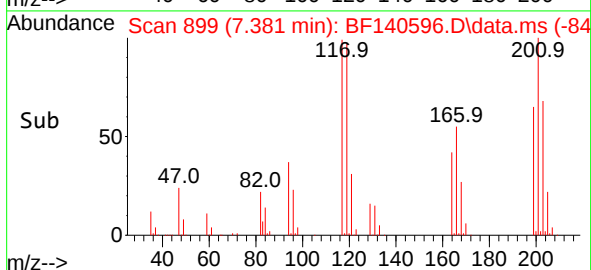
Supervised By :mohammad ahmed 11/27/2024

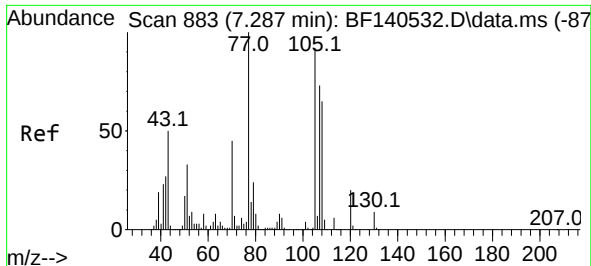


#18
Hexachloroethane
Concen: 46.265 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion:117 Resp: 117424
Ion Ratio Lower Upper
117 100
119 98.3 77.1 115.7
201 100.9 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 49.147 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140596.D

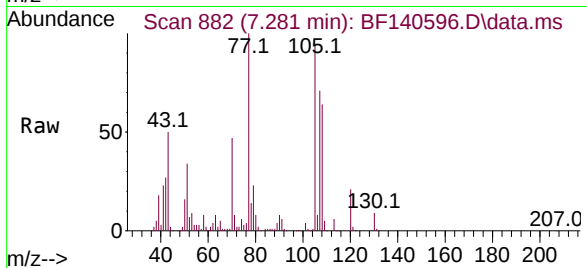
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS



Tgt Ion: 70 Resp: 21318

Ion Ratio Lower Upper

70 100

42 57.7 47.6 71.4

101 9.7 7.6 11.4

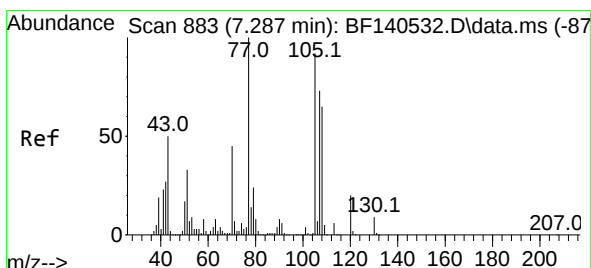
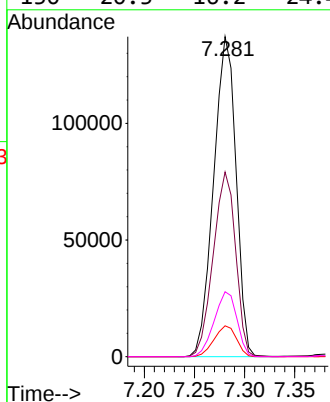
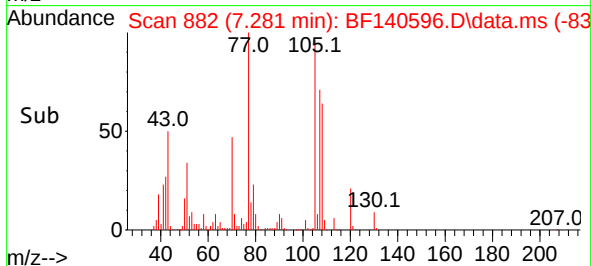
130 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 49.246 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Tgt Ion:107 Resp: 302644

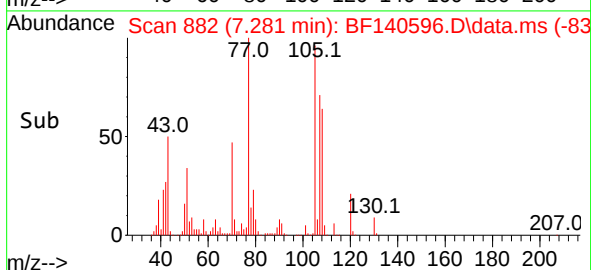
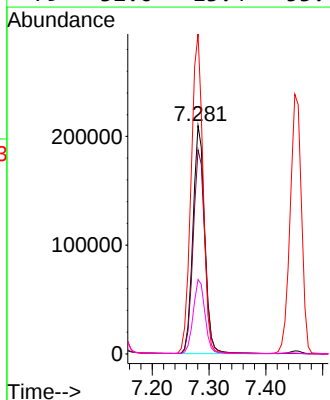
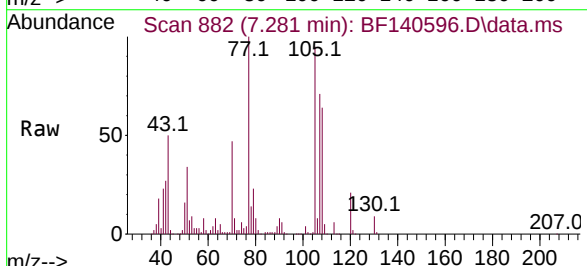
Ion Ratio Lower Upper

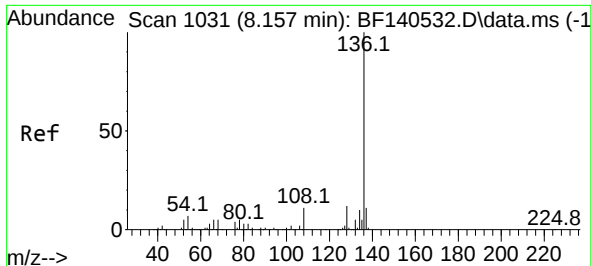
107 100

108 89.4 69.9 109.9

77 140.2 117.7 157.7

79 32.6 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

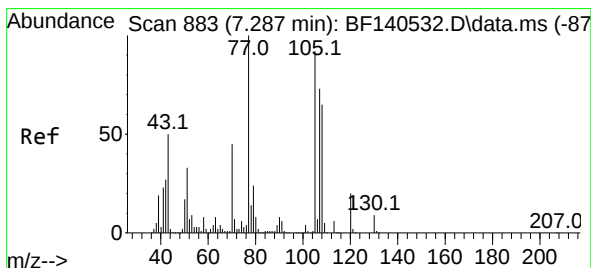
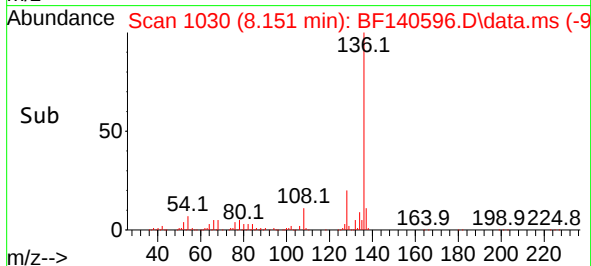
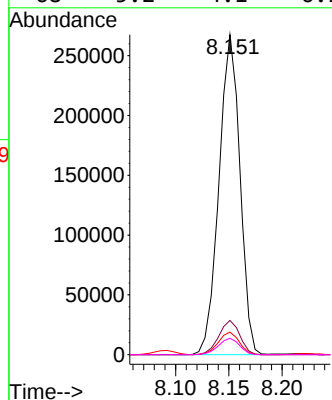
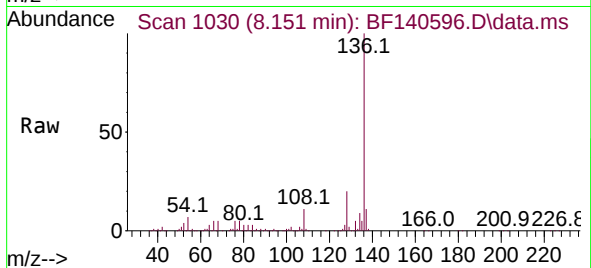
Tgt Ion:136 Resp: 366040
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

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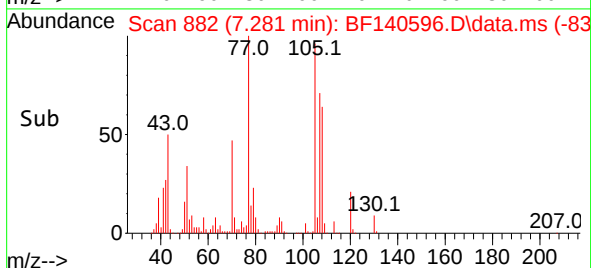
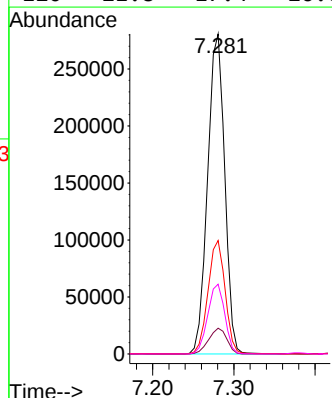
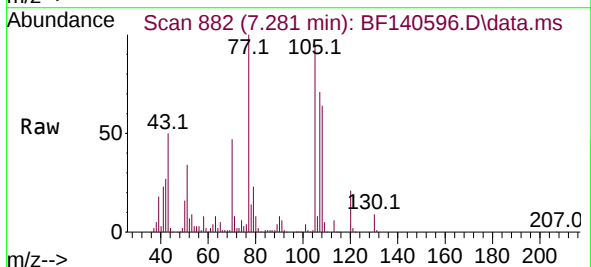
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 45.954 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:105 Resp: 410095
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 35.5 29.0 43.6
120 21.8 17.4 26.0





#23
Nitrobenzene-d5
Concen: 90.230 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

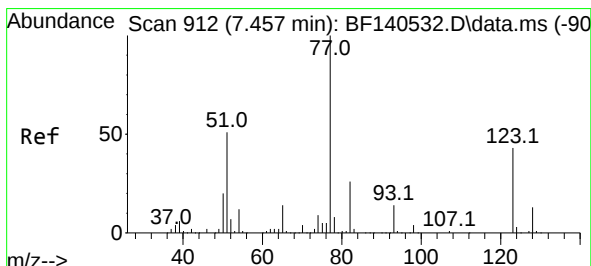
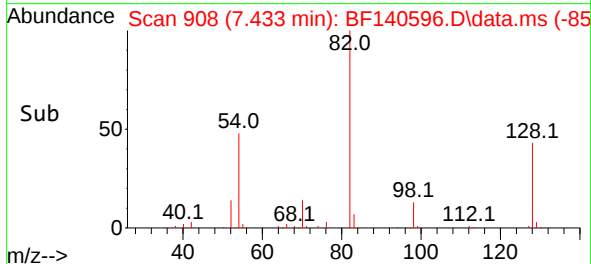
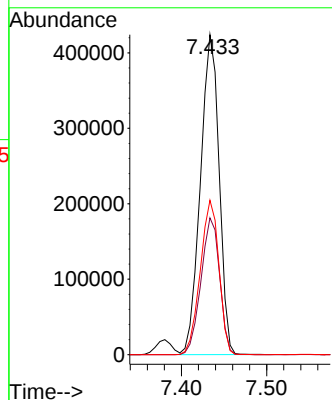
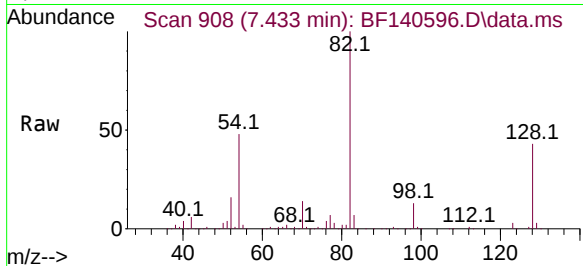
ClientSampleId :

PB165052BS

Tgt Ion: 82 Resp: 645711
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 48.2 39.5 59.3

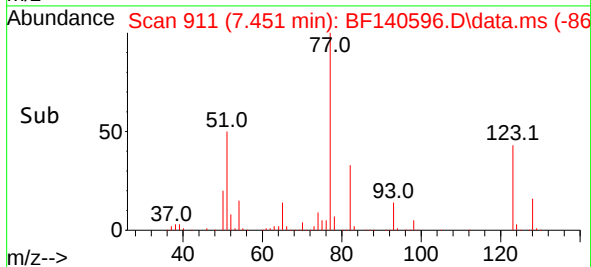
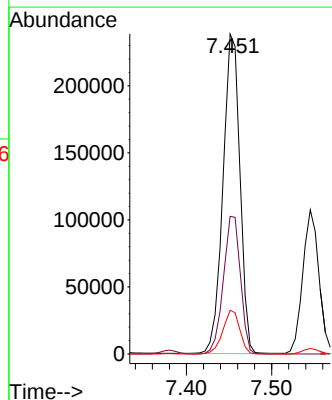
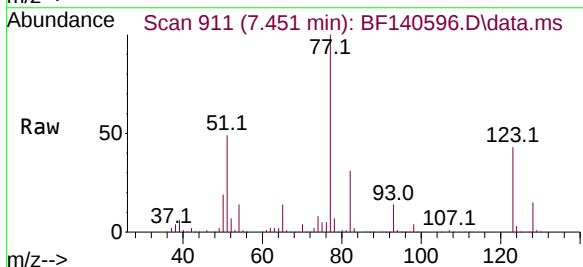
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 44.602 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion: 77 Resp: 329888
Ion Ratio Lower Upper
77 100
123 43.0 34.3 51.5
65 13.6 11.2 16.8





#25
Isophorone
Concen: 48.997 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

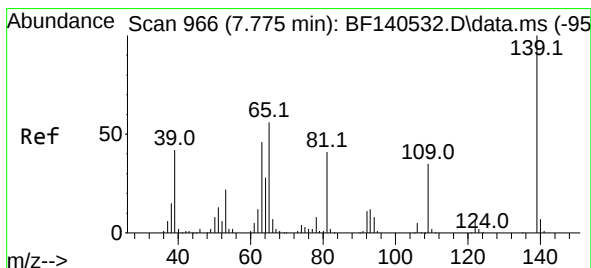
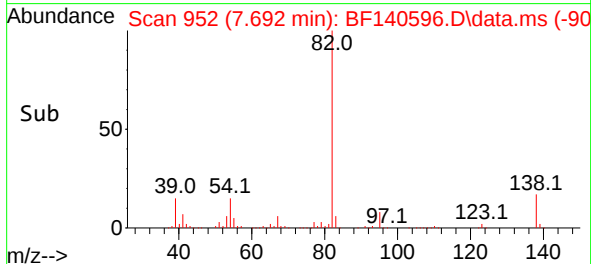
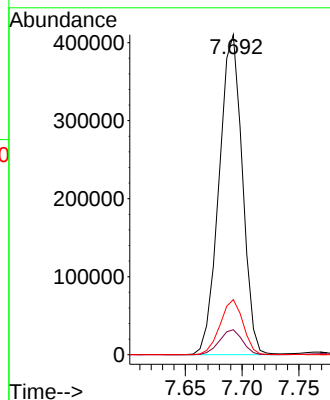
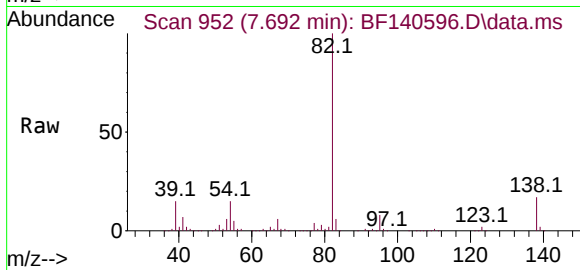
PB165052BS

Tgt Ion: 82 Resp: 584830
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.2 13.8 20.6

Manual Integrations

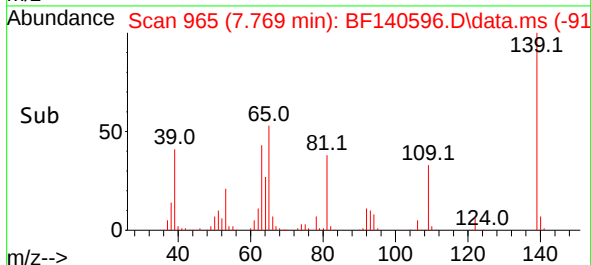
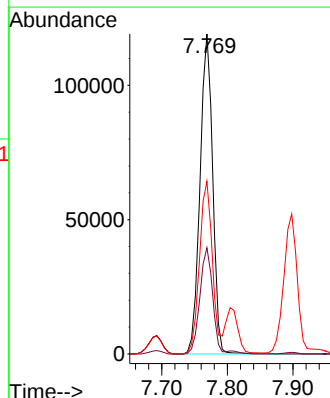
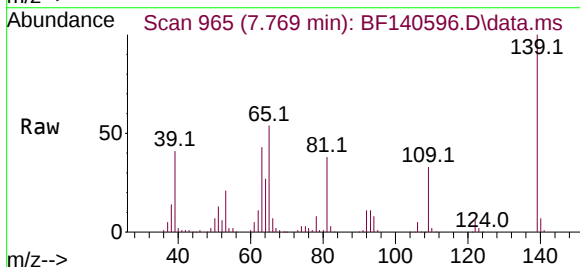
APPROVED

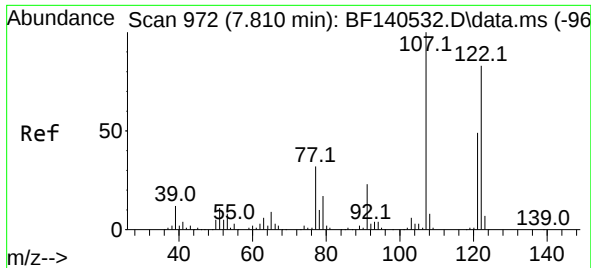
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 48.882 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:139 Resp: 160221
Ion Ratio Lower Upper
139 100
109 33.2 28.0 42.0
65 54.0 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 61.132 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

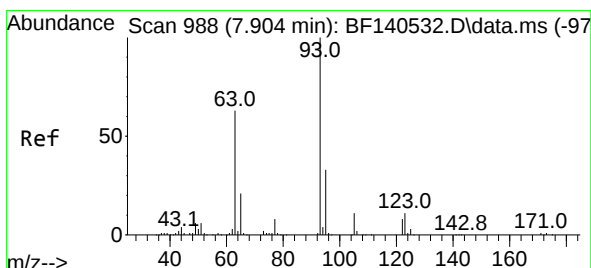
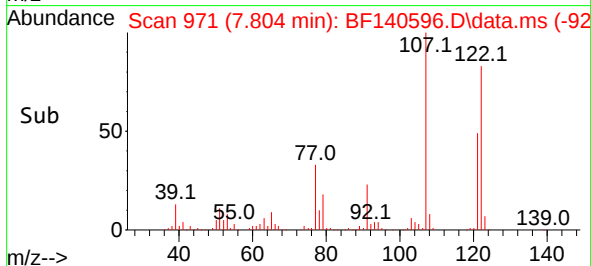
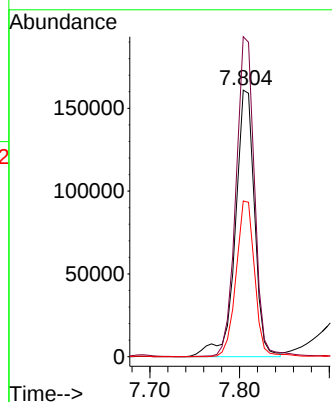
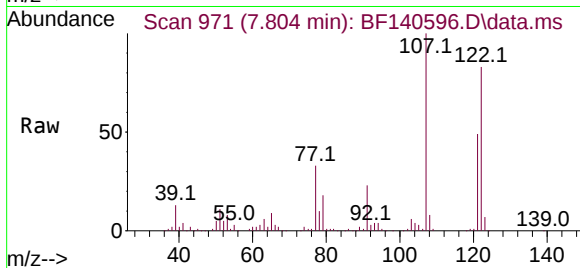
ClientSampleId :

PB165052BS

Tgt Ion:122 Resp: 23974
Ion Ratio Lower Upper
122 100
107 120.0 96.8 145.2
121 58.4 47.4 71.0

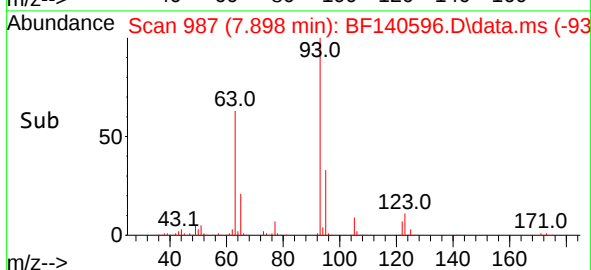
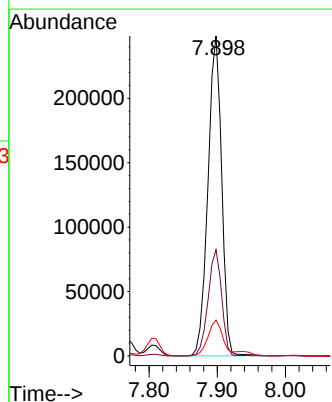
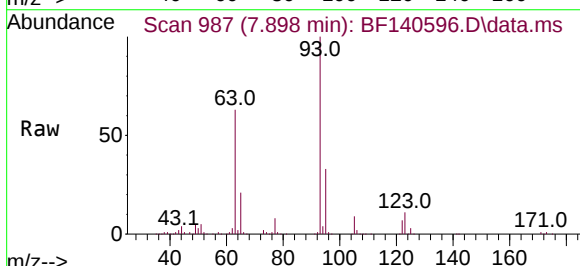
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.713 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion: 93 Resp: 346950
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 11.2 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 48.465 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

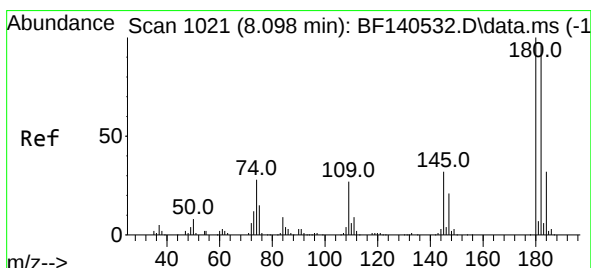
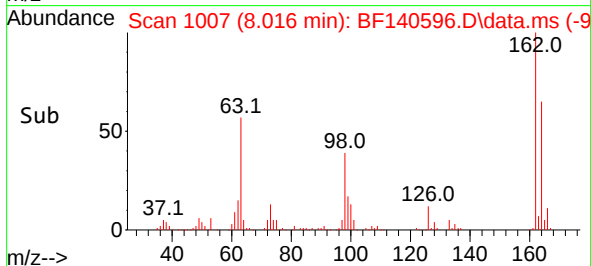
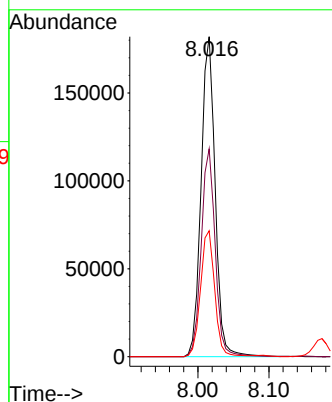
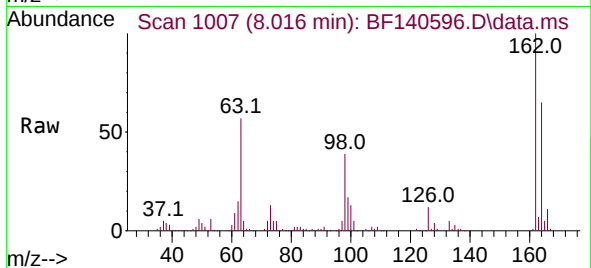
Tgt Ion:162 Resp: 251849
Ion Ratio Lower Upper
162 100
164 64.9 44.8 84.8
98 39.4 21.2 61.2

Manual Integrations

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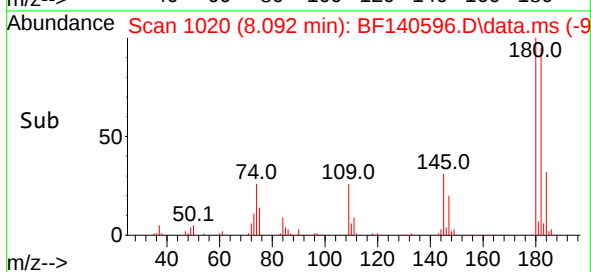
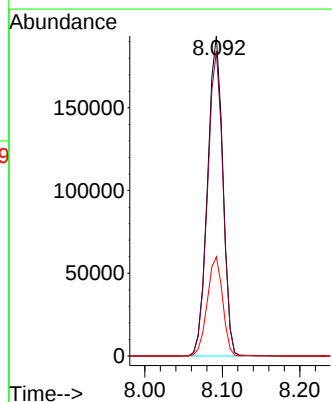
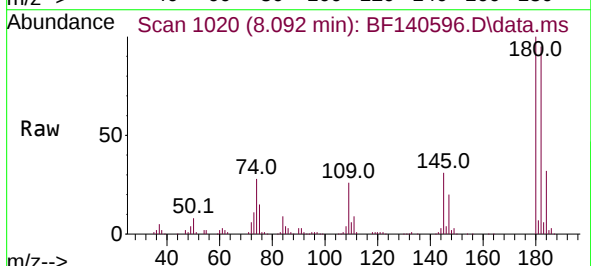
Reviewed By :Yogesh Patel 11/27/2024

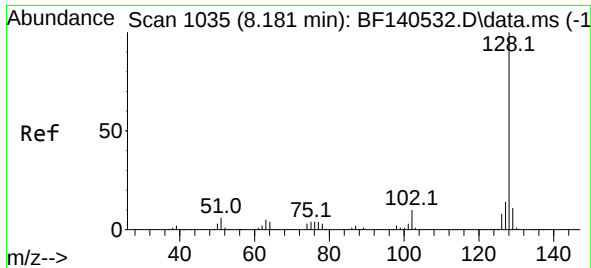
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.741 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:180 Resp: 265460
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 31.0 25.9 38.9





#31
Naphthalene
Concen: 46.529 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

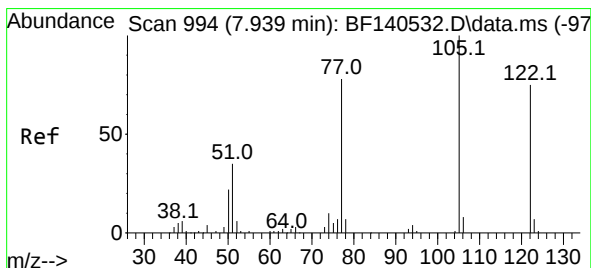
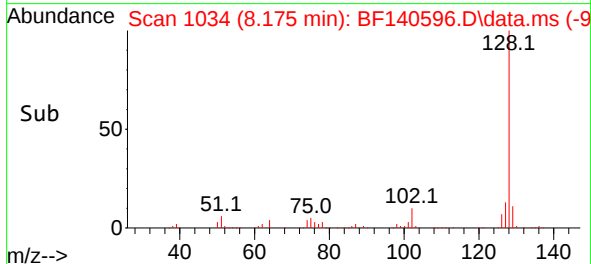
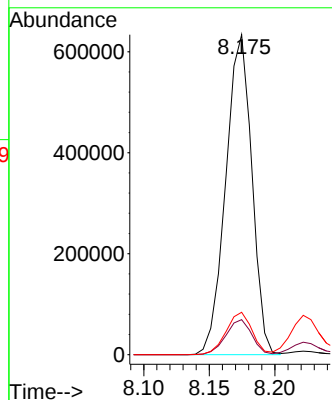
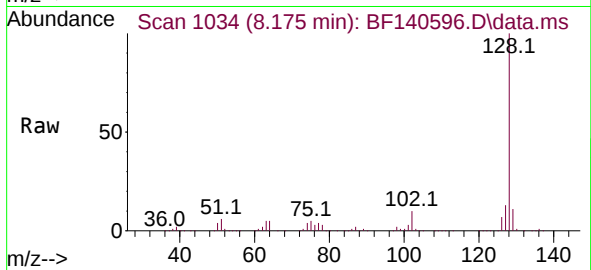
ClientSampleId :

PB165052BS

Tgt Ion:128 Resp: 87729
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

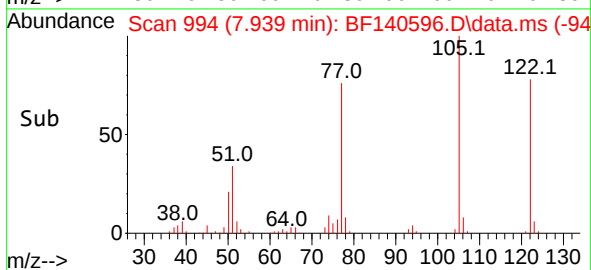
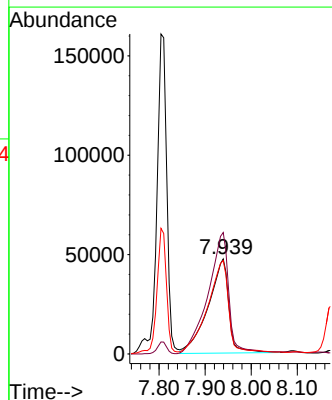
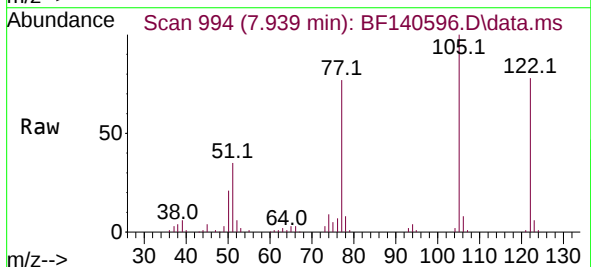
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 44.143 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:122 Resp: 148326
Ion Ratio Lower Upper
122 100
105 127.8 109.3 149.3
77 98.4 82.3 122.3





#33
4-Chloroaniline
Concen: 23.483 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

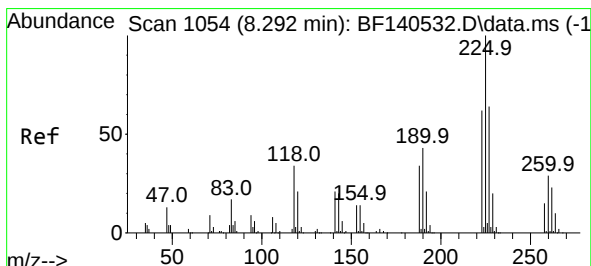
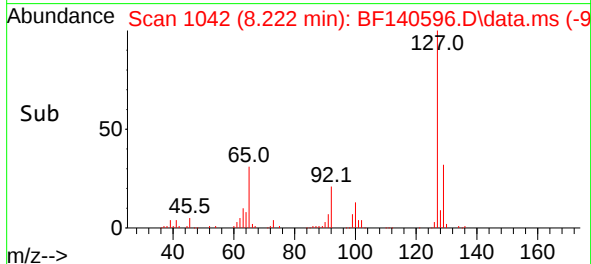
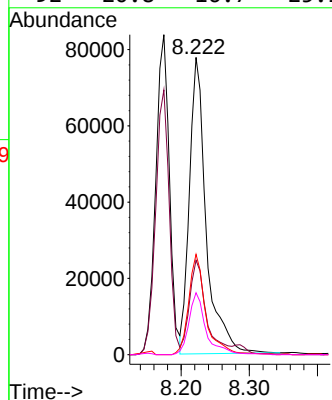
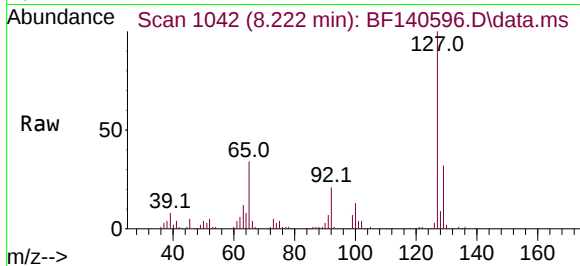
ClientSampleId :

PB165052BS

Tgt Ion:127 Resp: 13256
Ion Ratio Lower Upper
127 100
129 31.7 26.0 39.0
65 33.7 26.0 39.0
92 20.8 16.7 25.1

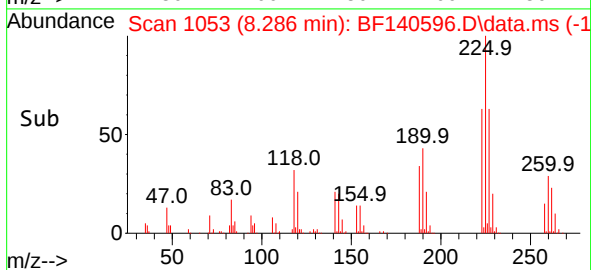
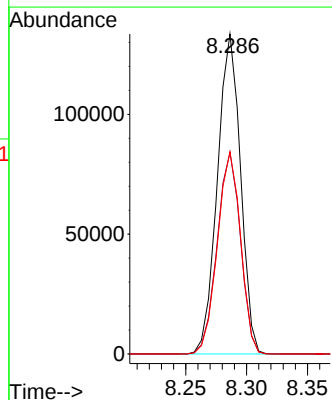
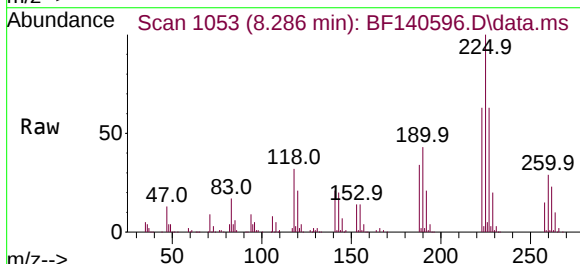
Manual Integrations
APPROVED

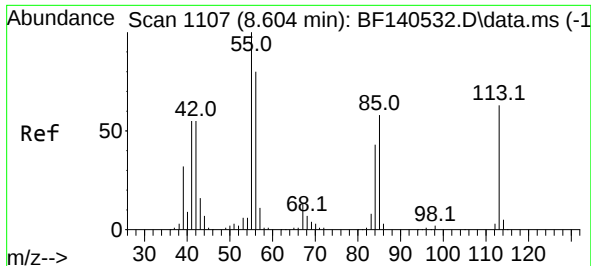
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 44.935 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:225 Resp: 176592
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 63.1 51.3 76.9





#35
 Caprolactam
 Concen: 47.451 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF140596.D
 Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

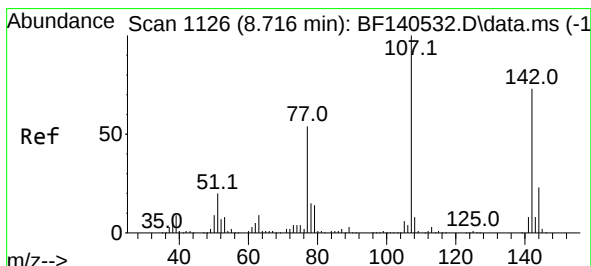
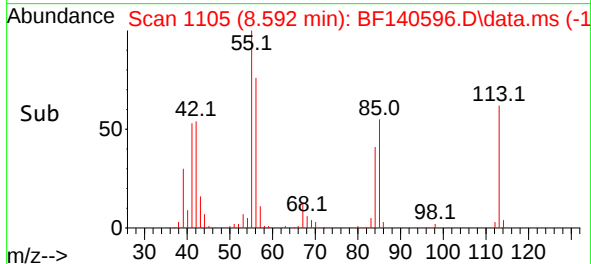
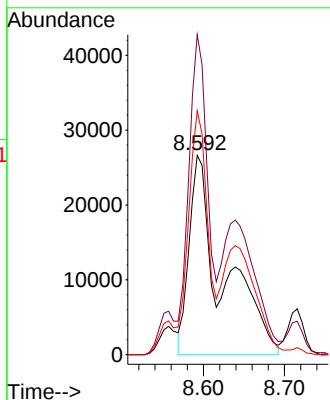
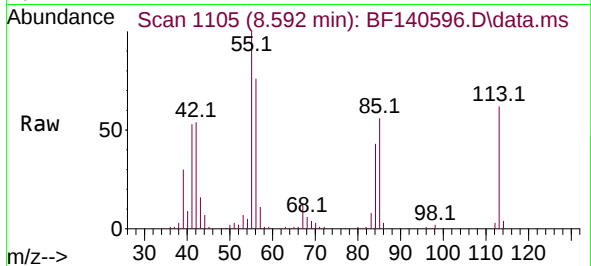
ClientSampleId :

PB165052BS

Tgt Ion:113 Resp: 76309
 Ion Ratio Lower Upper
 113 100
 55 160.5 137.7 177.7
 56 122.3 106.4 146.4

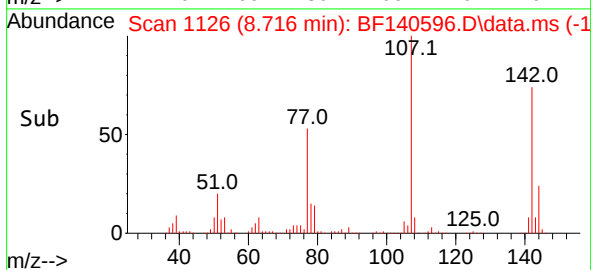
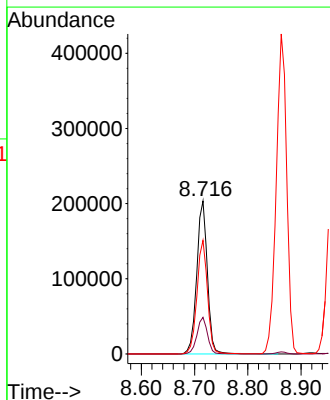
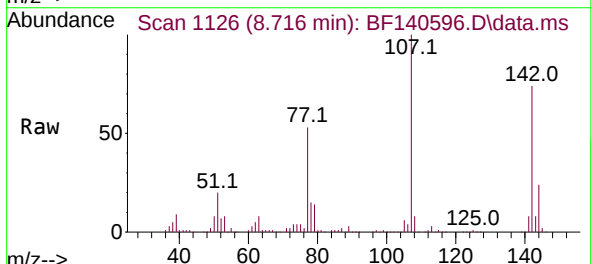
Manual Integrations
 APPROVED

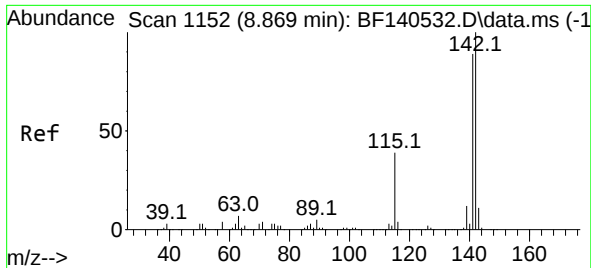
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.540 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140596.D
 Acq: 25 Nov 2024 12:09

Tgt Ion:107 Resp: 282412
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 74.3 58.3 87.5





#37
2-Methylnaphthalene
Concen: 48.686 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

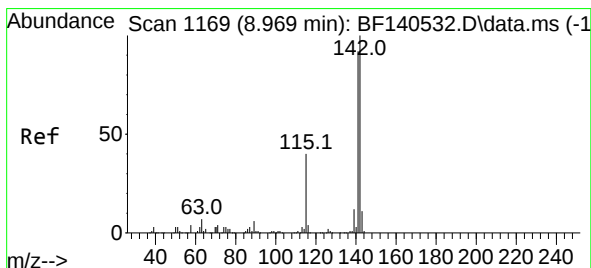
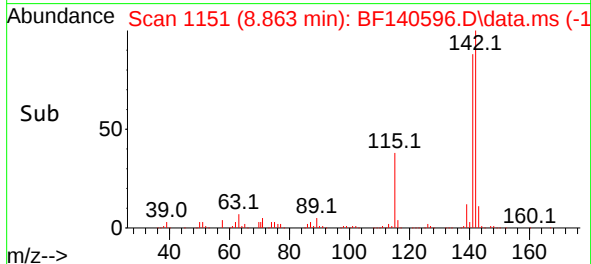
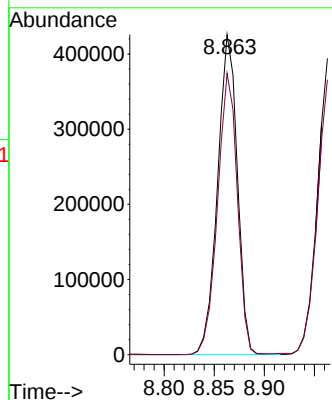
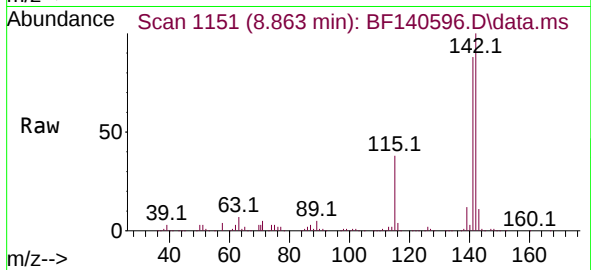
PB165052BS

Tgt Ion:142 Resp: 583040
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6

Manual Integrations

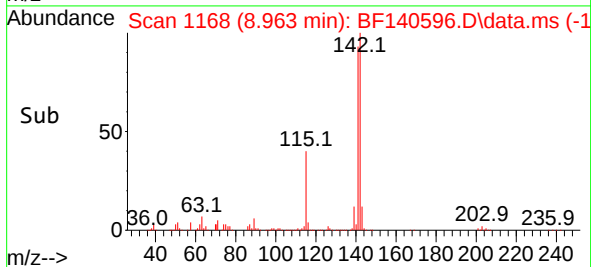
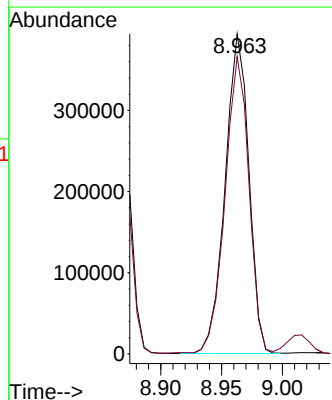
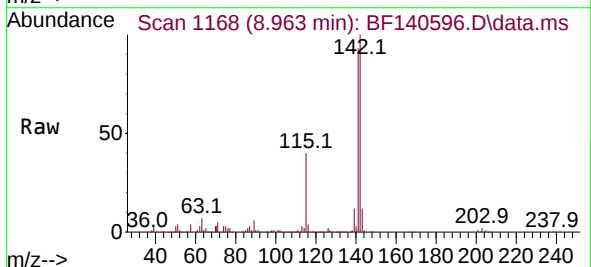
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 45.463 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:142 Resp: 533669
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

Tgt Ion:164 Resp: 20518

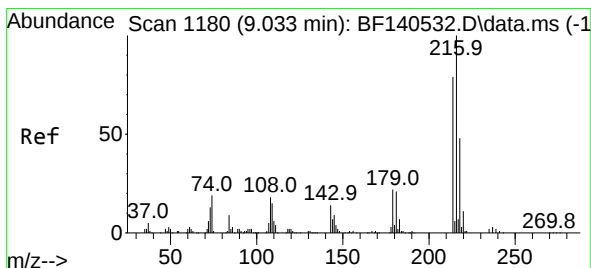
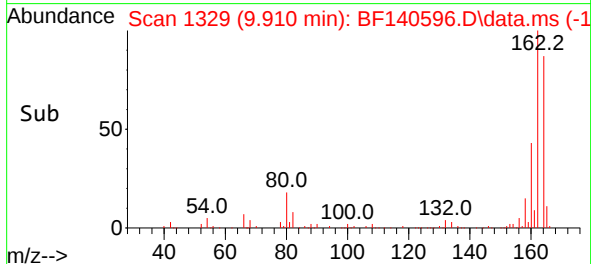
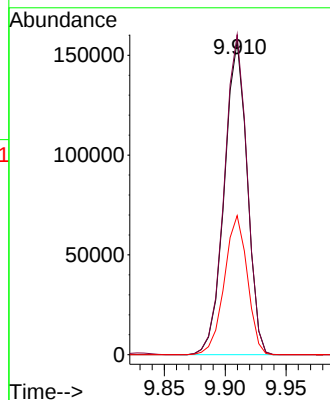
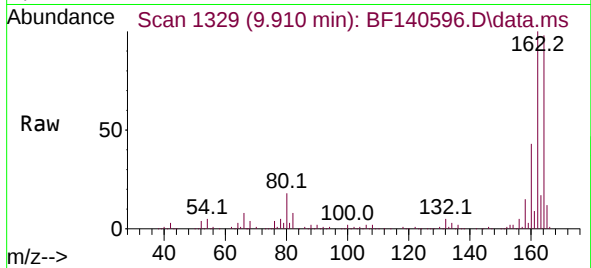
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	44.3	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.438 ng

RT: 9.033 min Scan# 1180

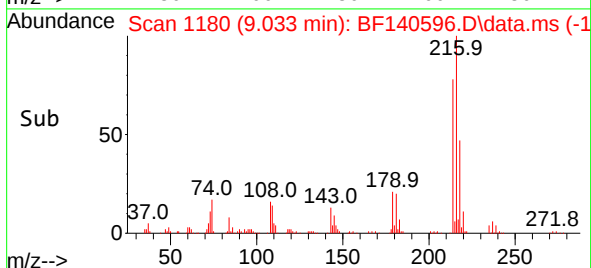
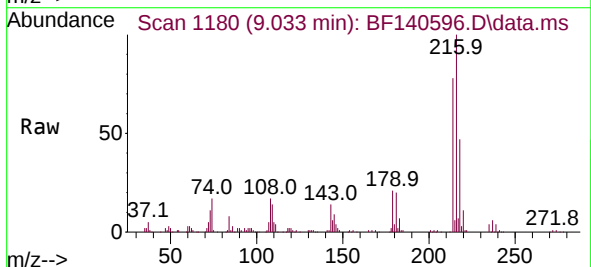
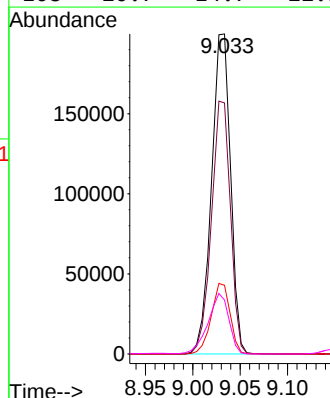
Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Tgt Ion:216 Resp: 278940

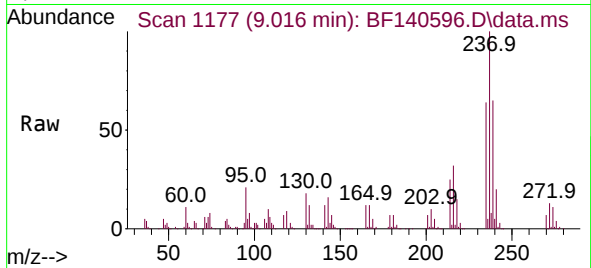
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.8	17.5	26.3
108	20.7	14.7	22.1





#41
Hexachlorocyclopentadiene
Concen: 177.179 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

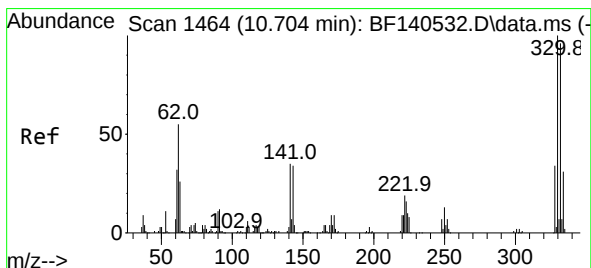
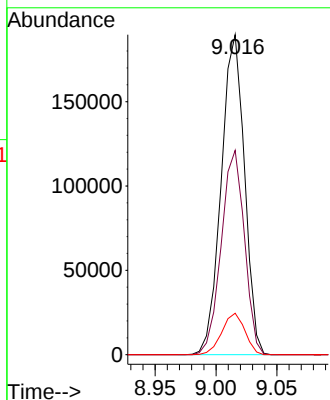
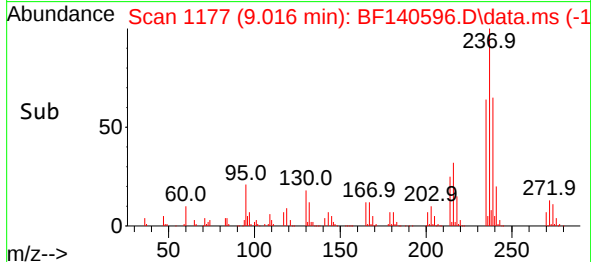
Instrument :
BNA_F
ClientSampleId :
PB165052BS



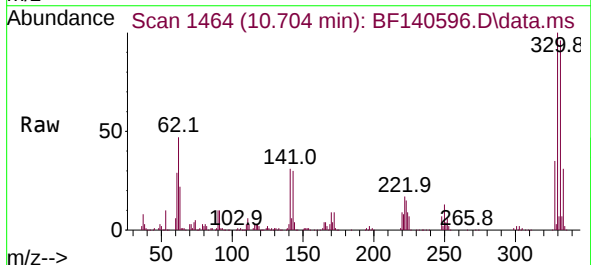
Tgt Ion:237 Resp: 25238
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 13.0 0.0 32.6

Manual Integrations
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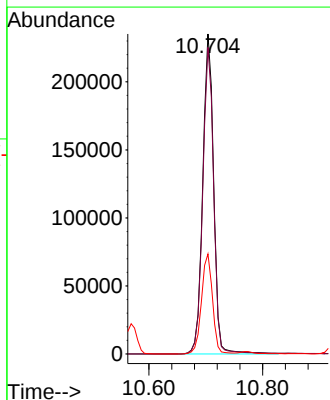
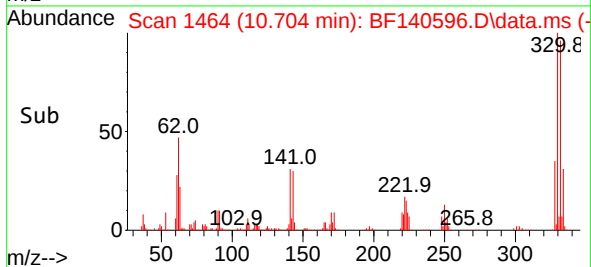
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

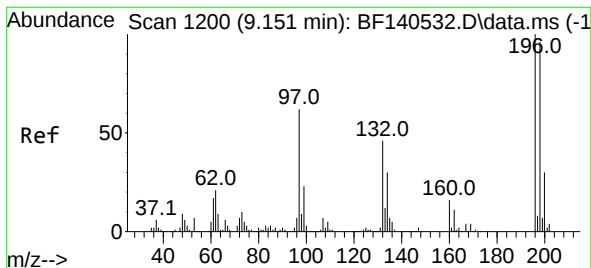


#42
2,4,6-Tribromophenol
Concen: 142.881 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



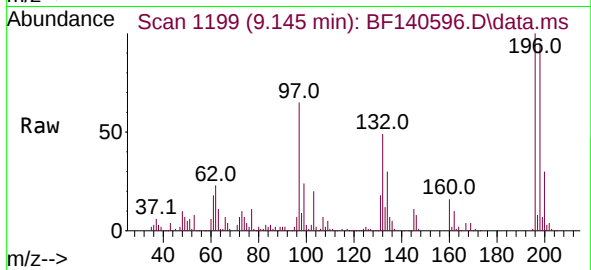
Tgt Ion:330 Resp: 313544
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 31.6 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.968 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

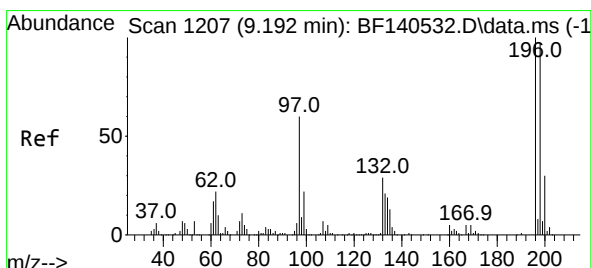
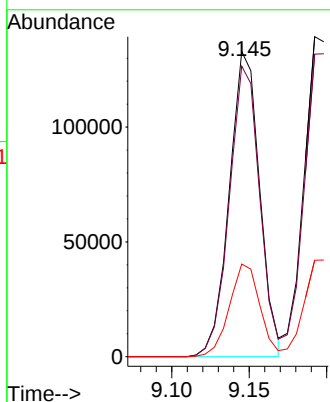
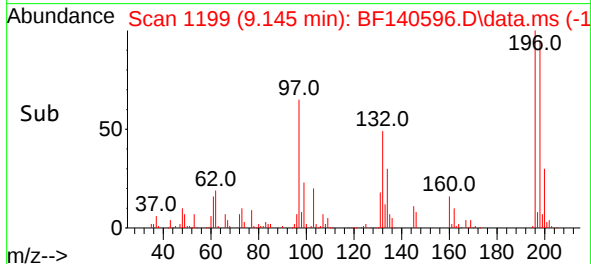
Instrument :
BNA_F
ClientSampleId :
PB165052BS



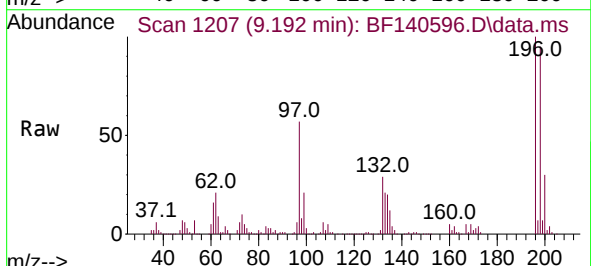
Tgt Ion:196 Resp: 180800
Ion Ratio Lower Upper
196 100
198 95.2 76.8 115.2
200 30.4 24.3 36.5

Manual Integrations
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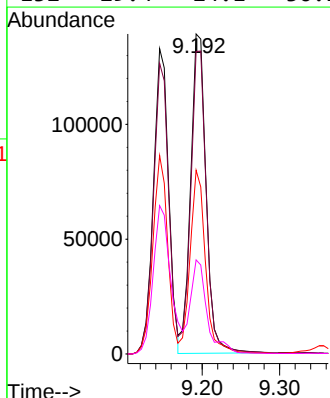
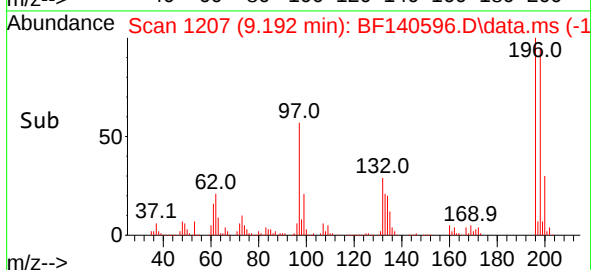
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

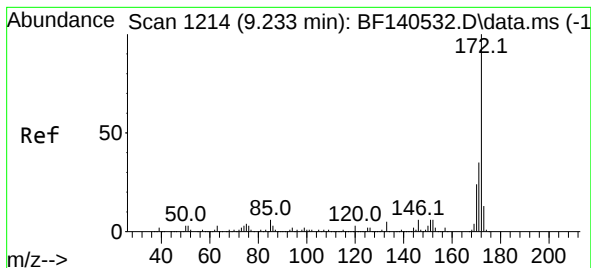


#44
2,4,5-Trichlorophenol
Concen: 47.248 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion:196 Resp: 193273
Ion Ratio Lower Upper
196 100
198 94.5 77.2 115.8
97 57.4 47.1 70.7
132 29.4 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 91.125 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140596.D

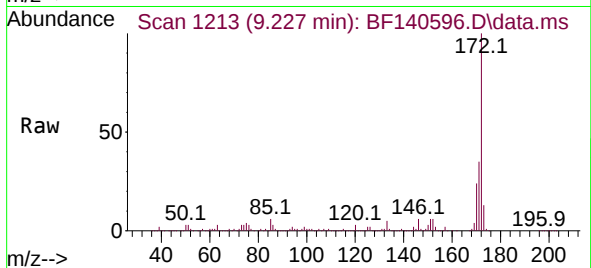
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS



Tgt Ion:172 Resp: 125489

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

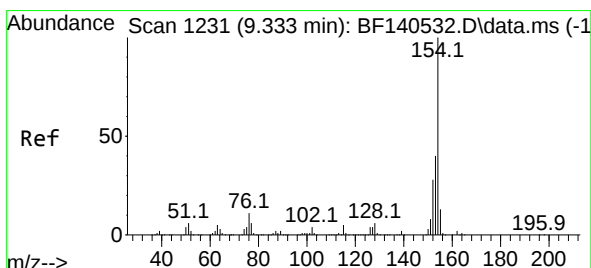
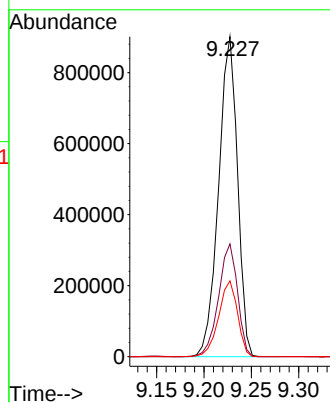
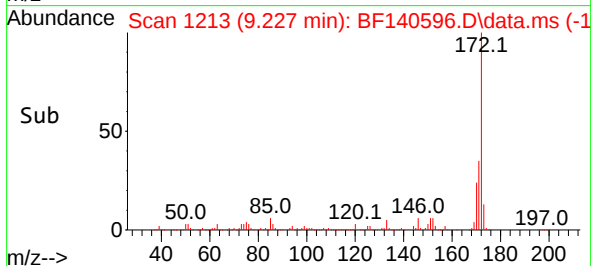
170 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 47.464 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

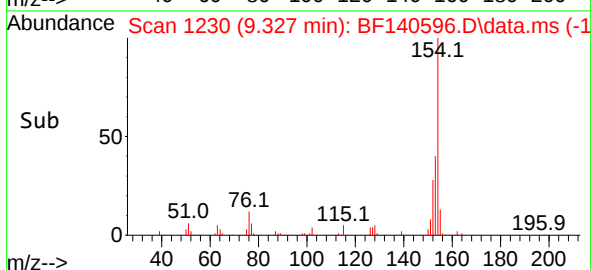
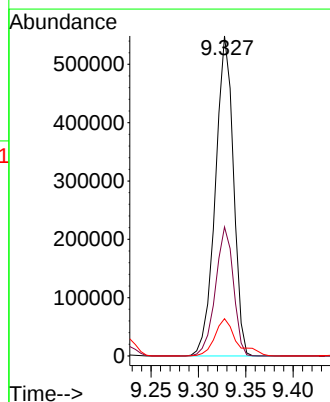
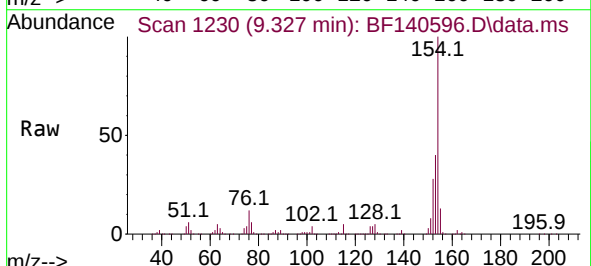
Tgt Ion:154 Resp: 727107

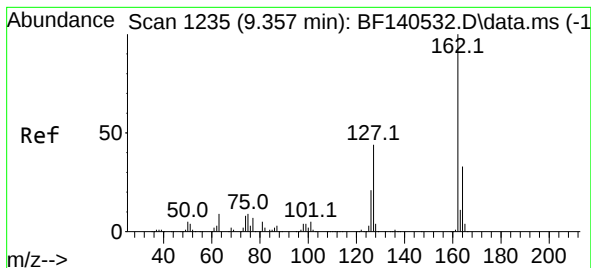
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.6 0.0 31.2





#47

2-Chloronaphthalene

Concen: 46.343 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

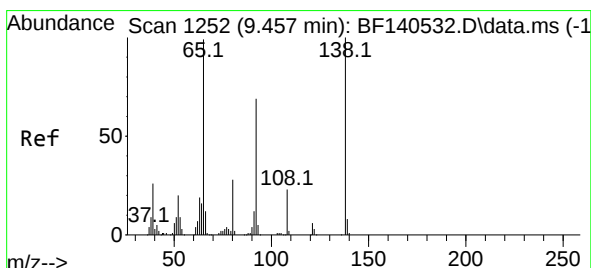
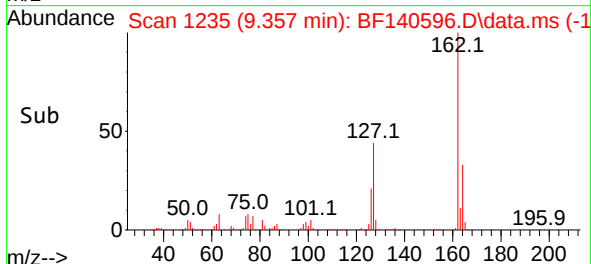
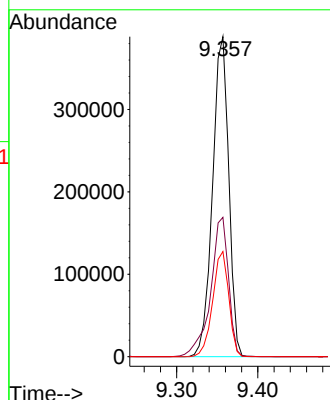
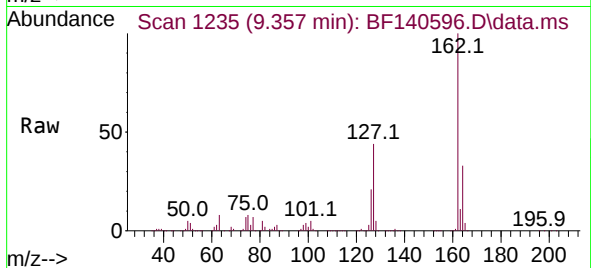
Tgt Ion:162 Resp: 537930
 Ion Ratio Lower Upper
 162 100
 127 43.5 35.7 53.5
 164 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 49.065 ng

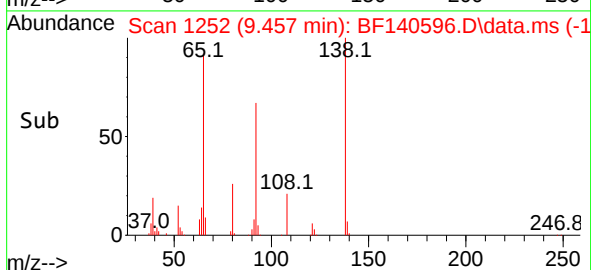
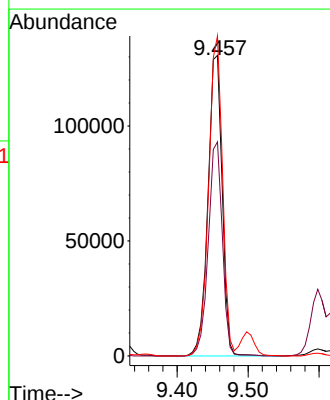
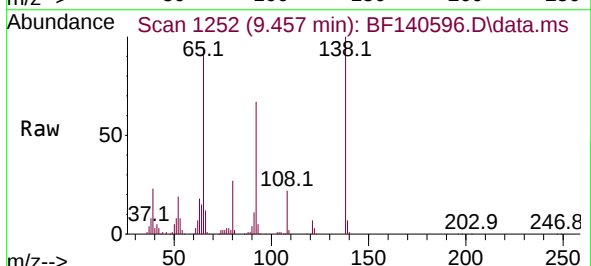
RT: 9.457 min Scan# 1252

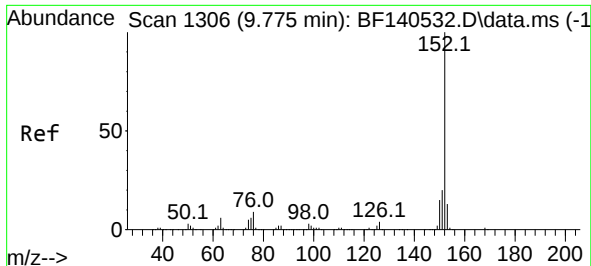
Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Tgt Ion: 65 Resp: 182806
 Ion Ratio Lower Upper
 65 100
 92 71.2 56.1 84.1
 138 106.5 81.0 121.6





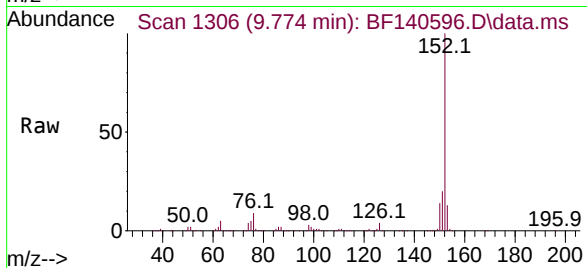
#49
Acenaphthylene
Concen: 51.320 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS



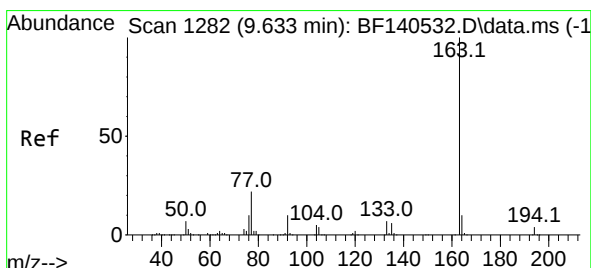
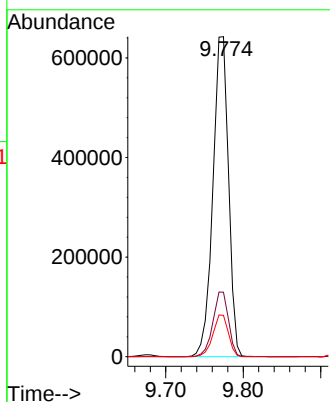
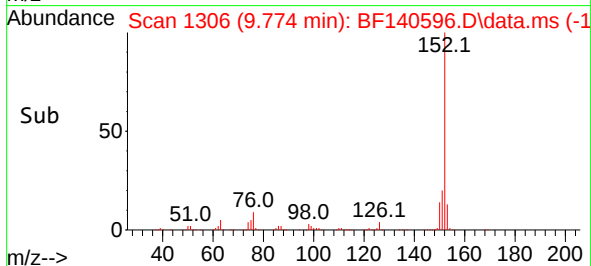
Tgt Ion:152 Resp: 90006
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.9 10.6 16.0

Manual Integrations

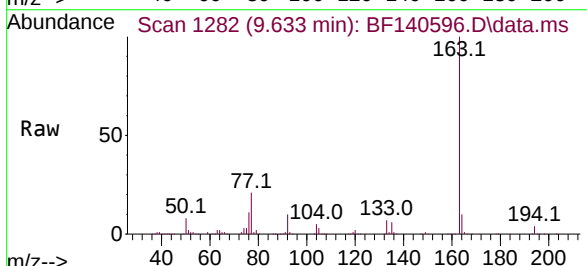
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

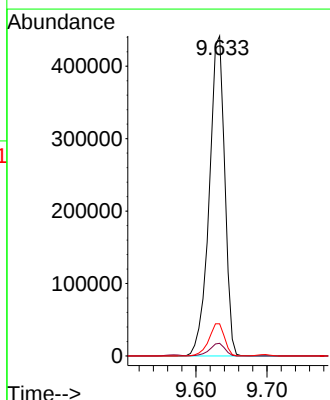
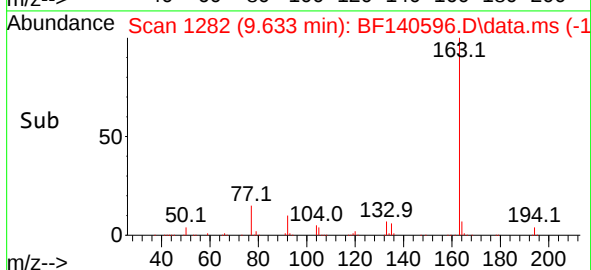
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 49.430 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion:163 Resp: 667957
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.413 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

Tgt Ion:165 Resp: 14224

Ion Ratio Lower Upper

165 100

63 59.2 49.9 74.9

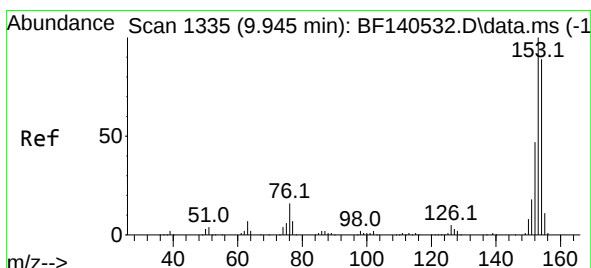
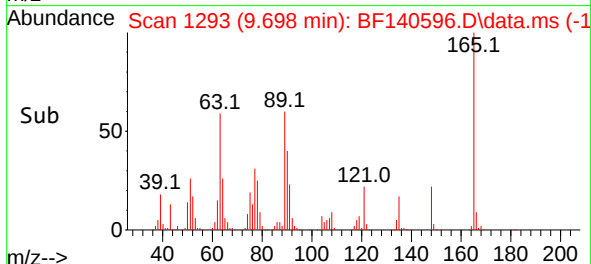
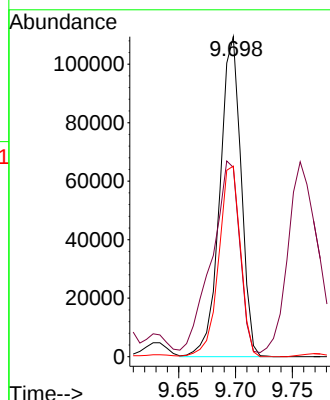
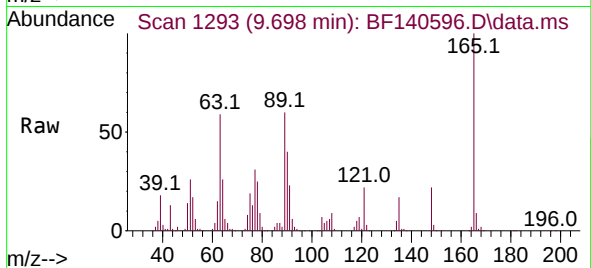
89 59.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#52

Acenaphthene

Concen: 48.869 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

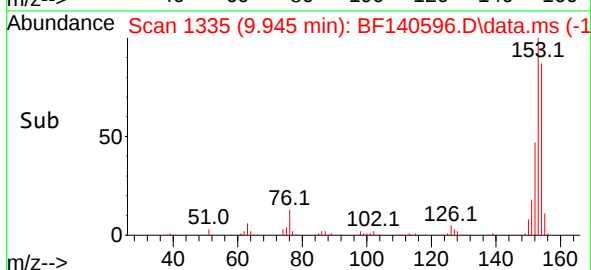
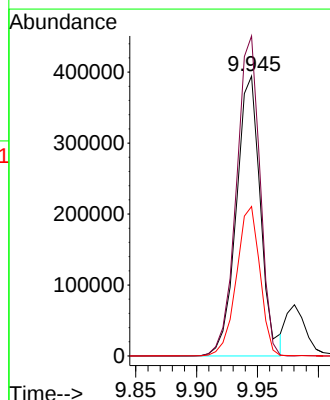
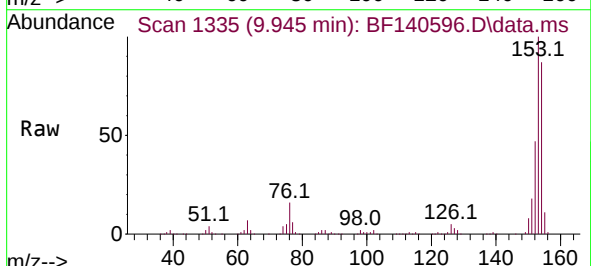
Tgt Ion:154 Resp: 544588

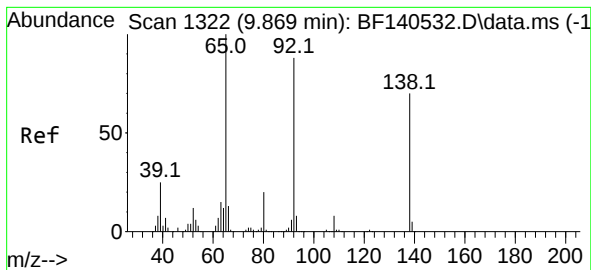
Ion Ratio Lower Upper

154 100

153 114.4 89.7 134.5

152 53.4 42.5 63.7





#53

3-Nitroaniline

Concen: 32.784 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

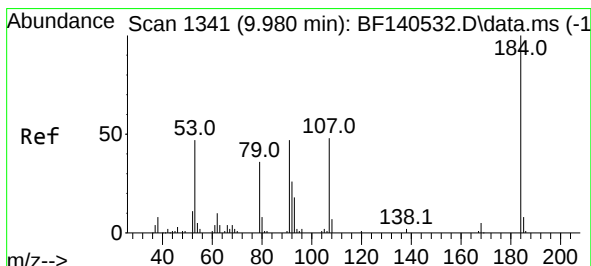
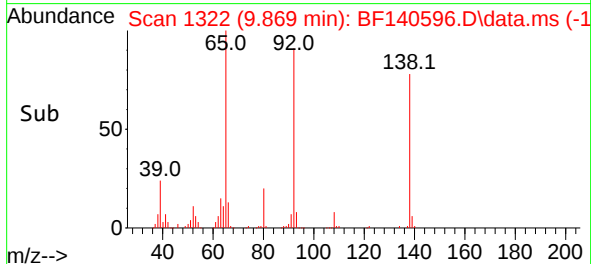
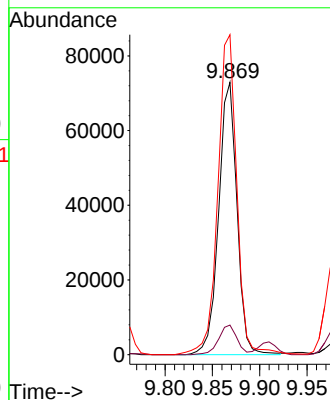
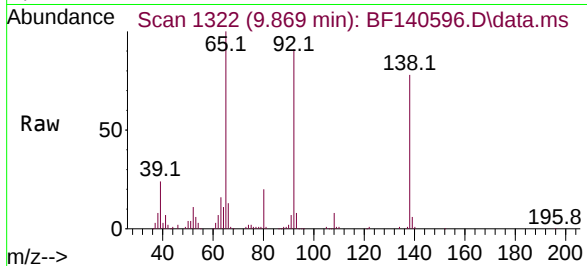
Tgt Ion:138 Resp: 98268
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.2 13.8
 92 117.5 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#54

2,4-Dinitrophenol

Concen: 87.068 ng

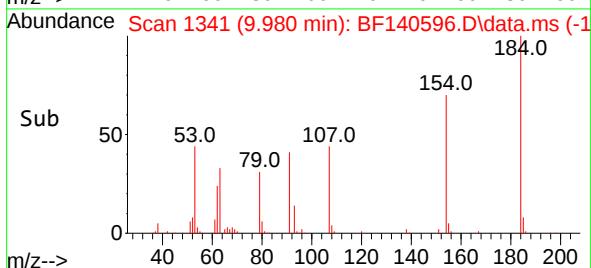
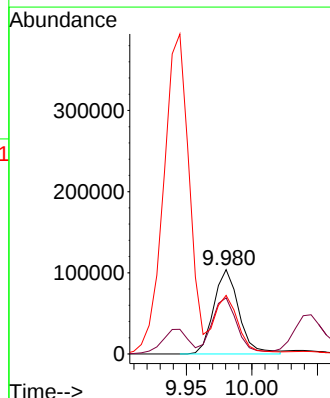
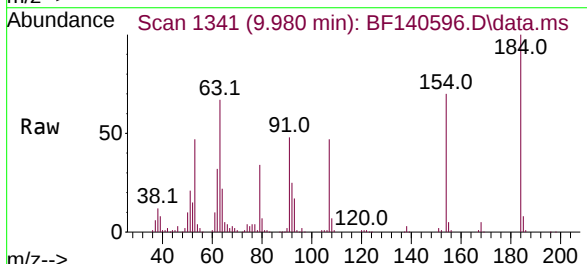
RT: 9.980 min Scan# 1341

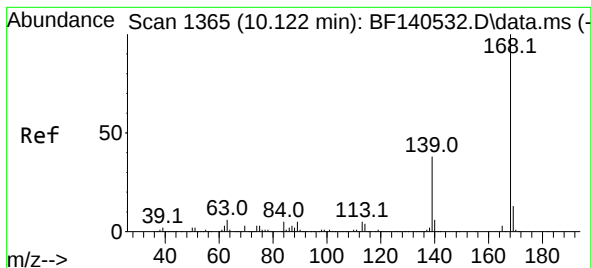
Delta R.T. 0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Tgt Ion:184 Resp: 139414
 Ion Ratio Lower Upper
 184 100
 63 66.6 54.1 81.1
 154 69.6 57.4 86.0





#55
Dibenzenofuran
Concen: 48.070 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

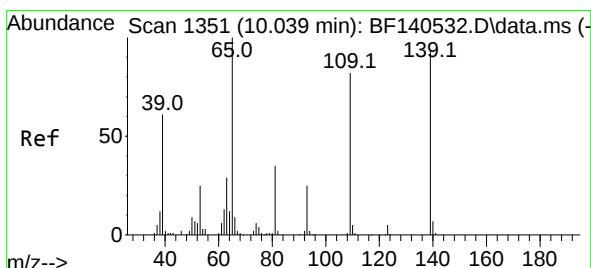
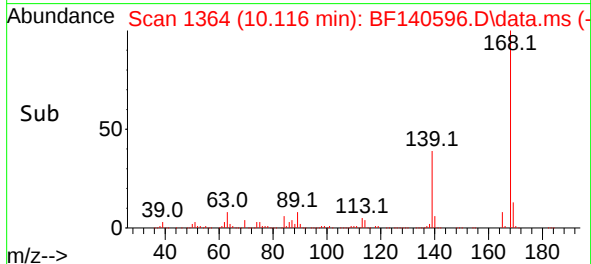
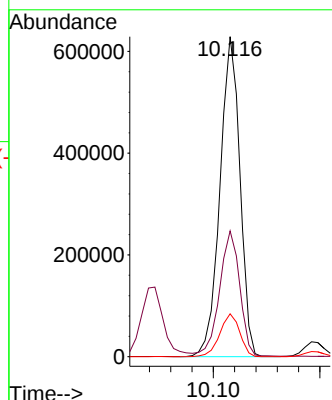
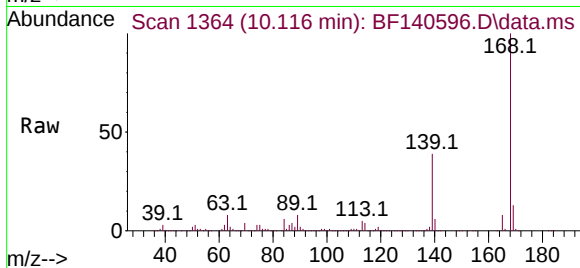
PB165052BS

Tgt Ion:168 Resp: 817080
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.4 10.5 15.7

Manual Integrations

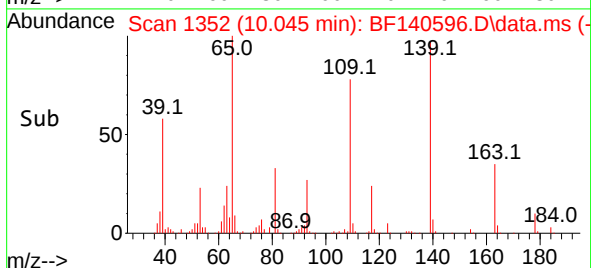
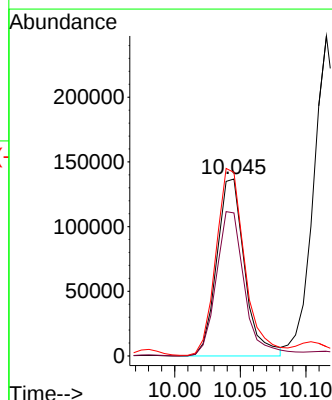
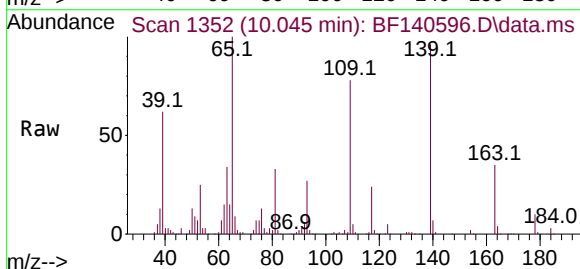
APPROVED

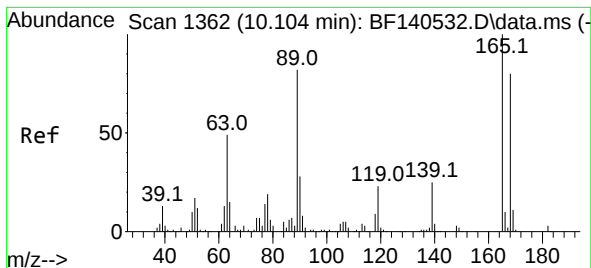
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 98.754 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:139 Resp: 201877
Ion Ratio Lower Upper
139 100
109 80.9 68.4 108.4
65 103.7 88.6 128.6





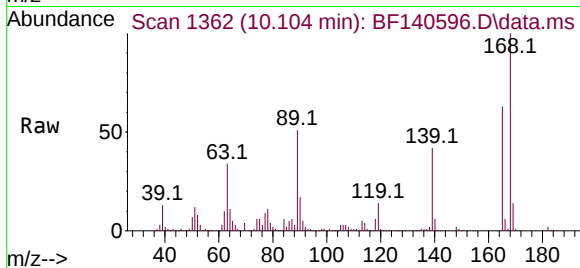
#57
2,4-Dinitrotoluene
Concen: 48.733 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS



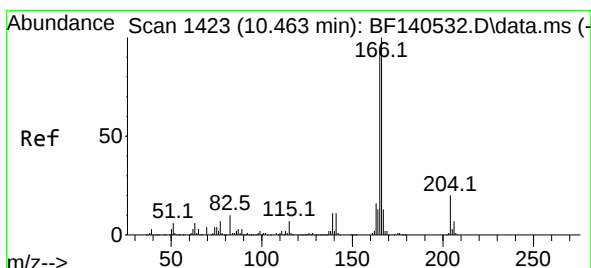
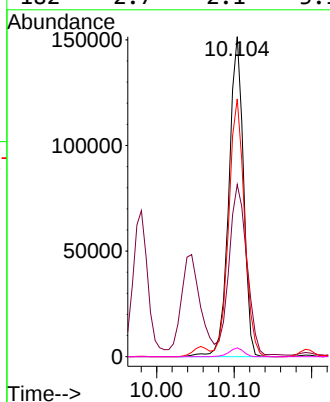
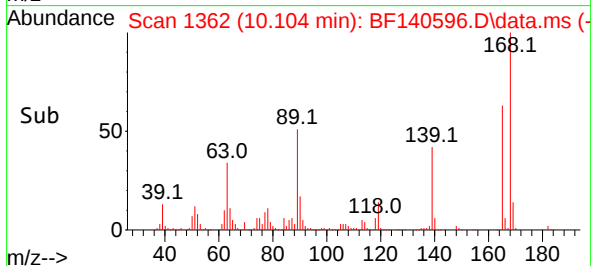
Tgt Ion:165 Resp: 19849
Ion Ratio Lower Upper
165 100
63 53.8 41.7 62.5
89 80.5 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

APPROVED

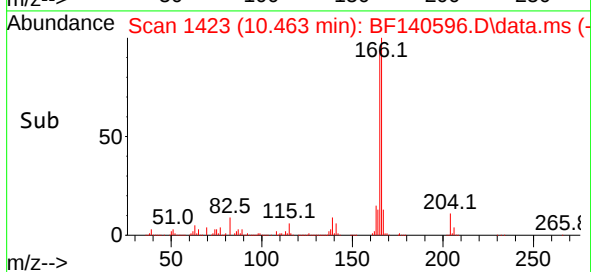
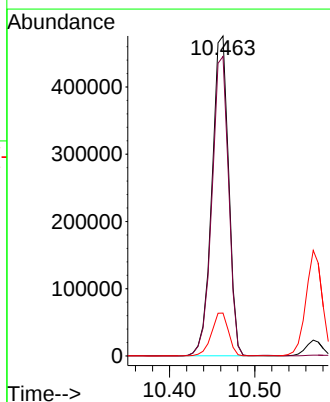
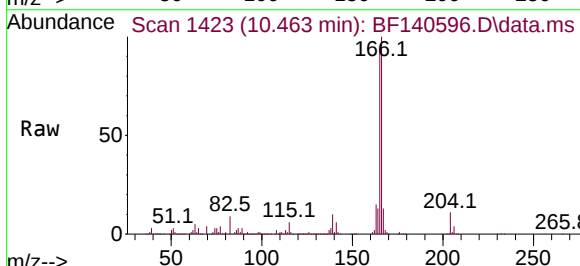
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 47.444 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

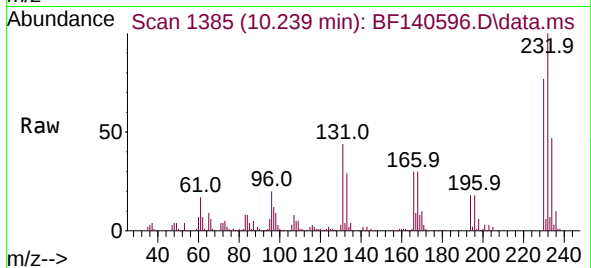
Tgt Ion:166 Resp: 647307
Ion Ratio Lower Upper
166 100
165 93.6 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.292 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

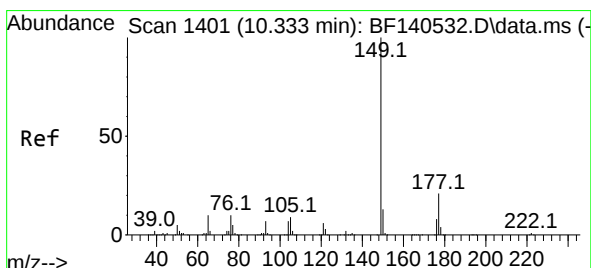
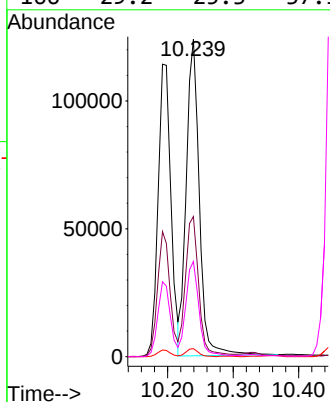
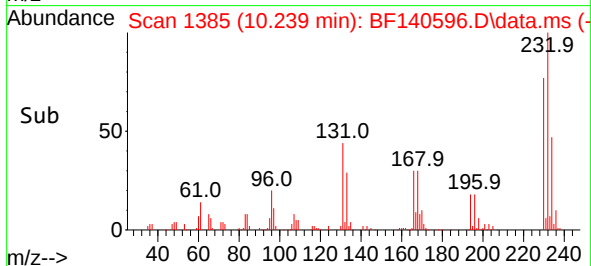
Instrument :
BNA_F
ClientSampleId :
PB165052BS



Tgt Ion:232 Resp: 170684
Ion Ratio Lower Upper
232 100
131 45.0 39.6 59.4
130 2.5 1.9 2.9
166 29.2 25.3 37.9

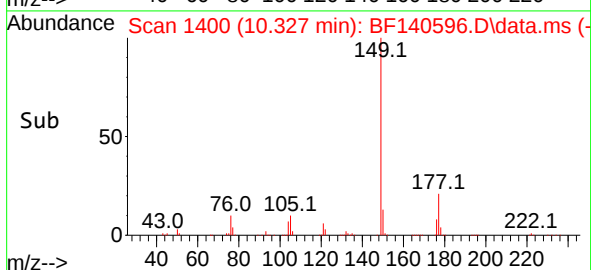
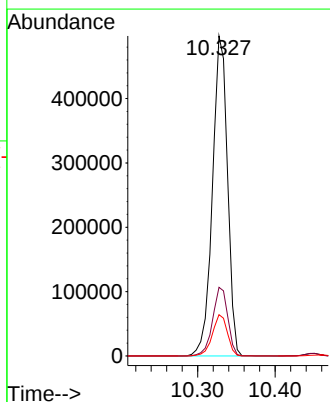
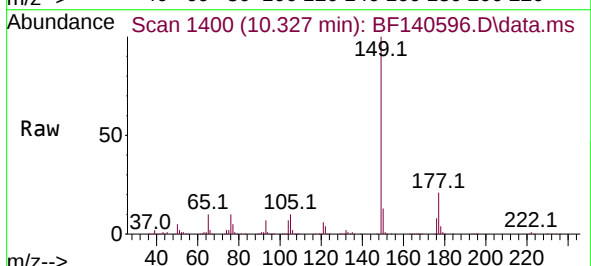
Manual Integrations
APPROVED

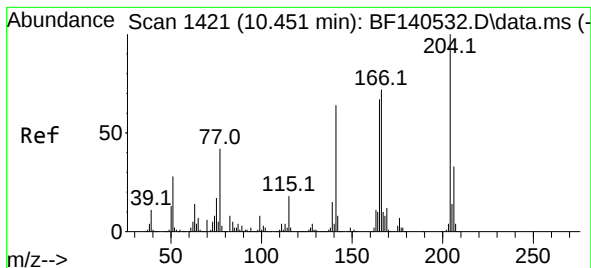
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 48.835 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

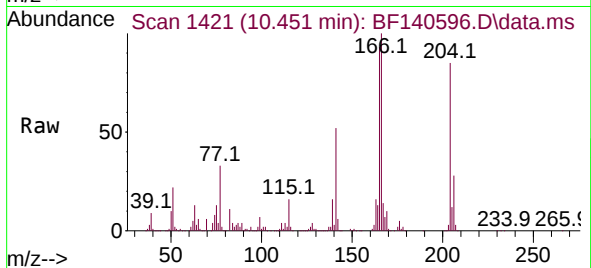
Tgt Ion:149 Resp: 670493
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.604 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

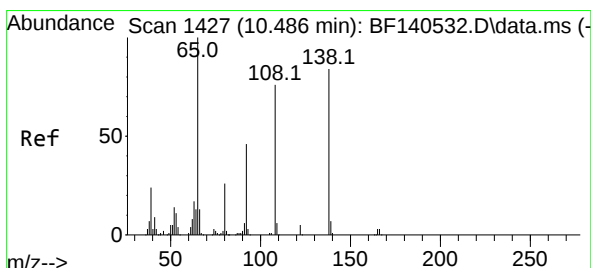
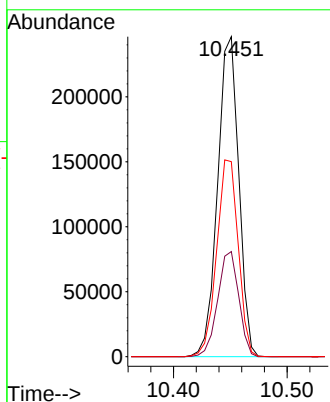
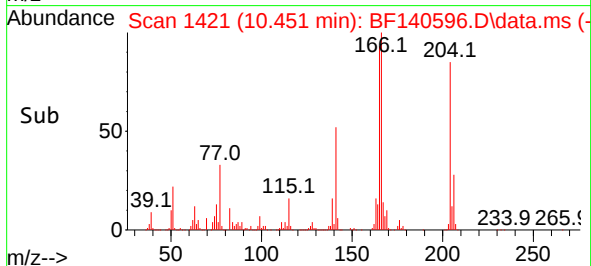
Instrument :
BNA_F
ClientSampleId :
PB165052BS



Tgt Ion:204 Resp: 31874
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 61.0 51.1 76.7

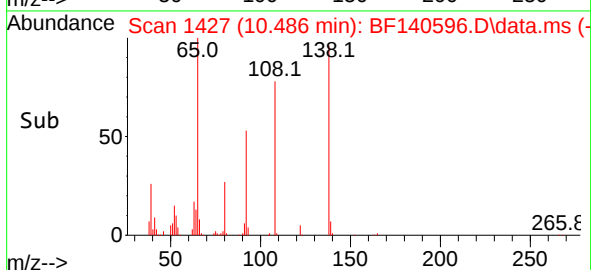
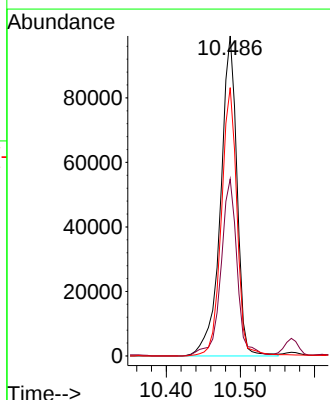
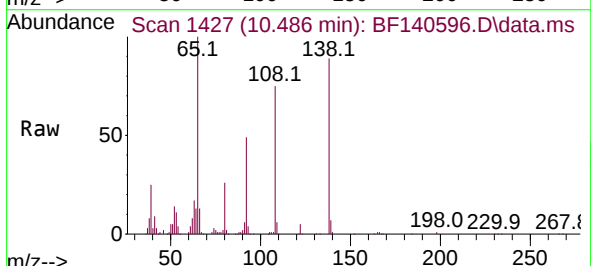
Manual Integrations
APPROVED

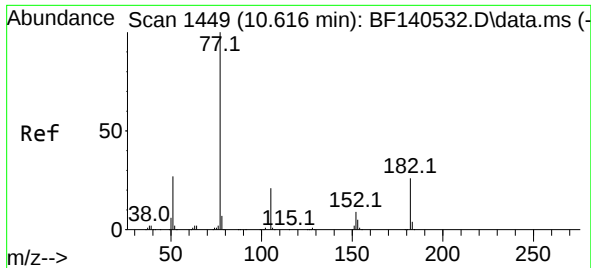
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 48.617 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

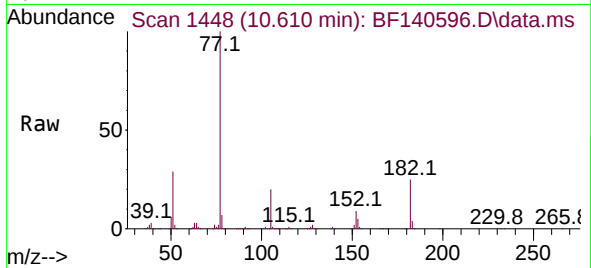
Tgt Ion:138 Resp: 152840
Ion Ratio Lower Upper
138 100
92 55.3 34.5 74.5
108 83.9 70.6 110.6





#63
Azobenzene
Concen: 48.910 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

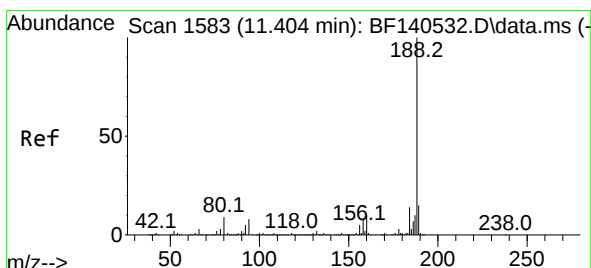
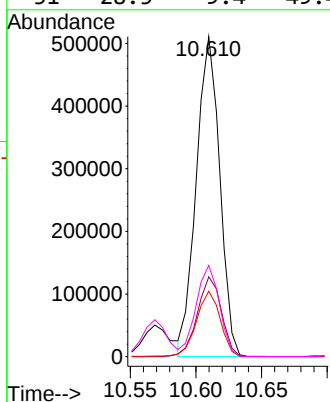
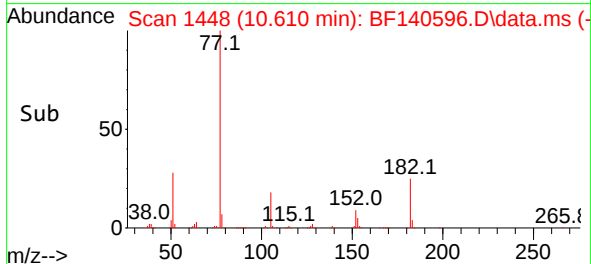
Instrument :
BNA_F
ClientSampleId :
PB165052BS



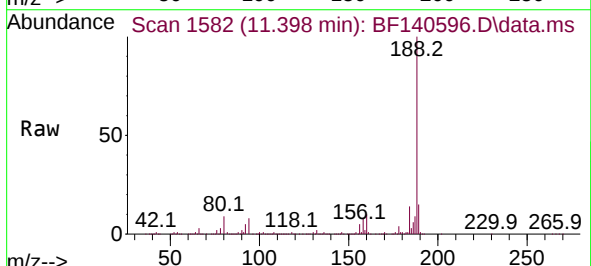
Tgt Ion: 77 Resp: 635929
Ion Ratio Lower Upper
77 100
182 24.9 5.3 45.3
105 20.4 0.3 40.3
51 28.5 9.4 49.4

Manual Integrations
APPROVED

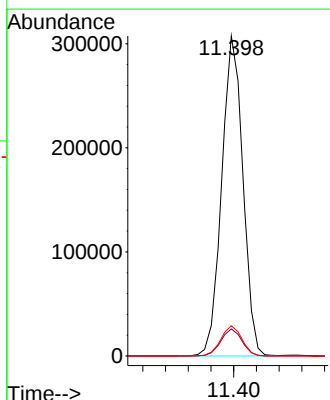
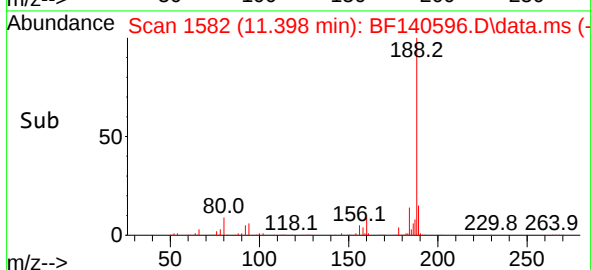
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

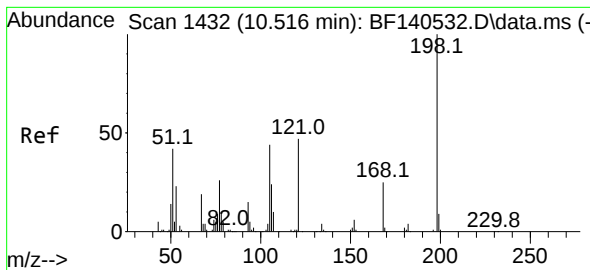


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion:188 Resp: 398573
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.5 6.9 10.3





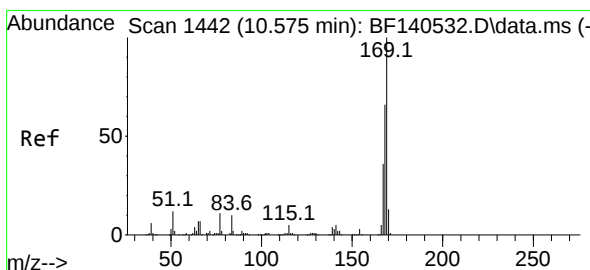
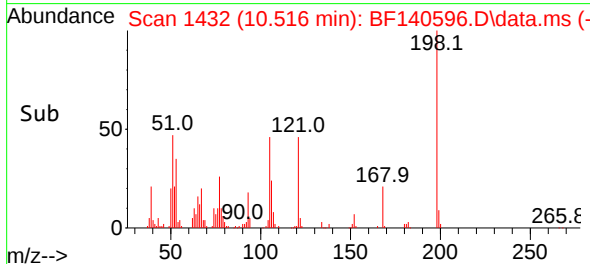
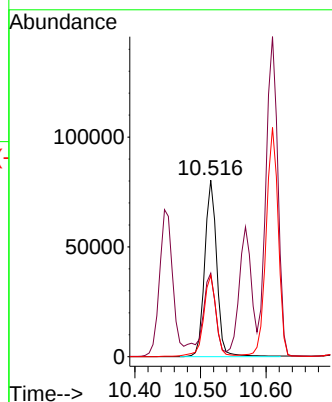
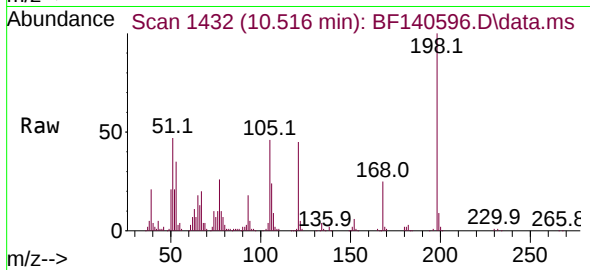
#65
4,6-Dinitro-2-methylphenol
Concen: 50.693 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :
BNA_F
ClientSampleId :
PB165052BS

Tgt Ion:198 Resp: 10324
Ion Ratio Lower Upper
198 100
51 47.3 29.4 69.4
105 46.0 25.4 65.4

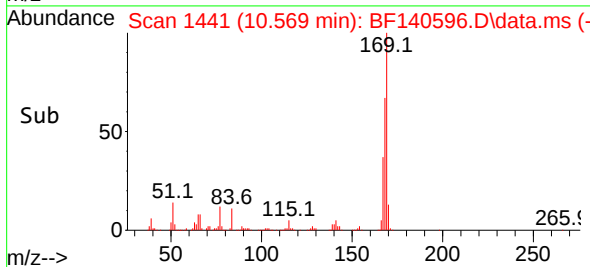
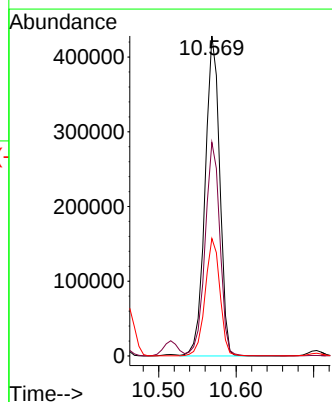
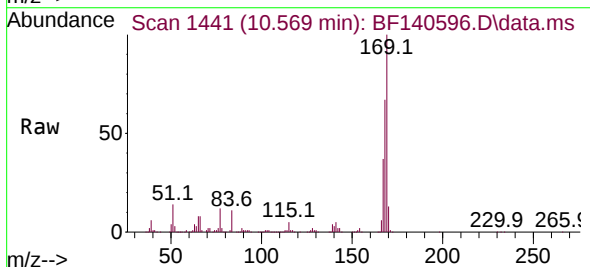
Manual Integrations
APPROVED

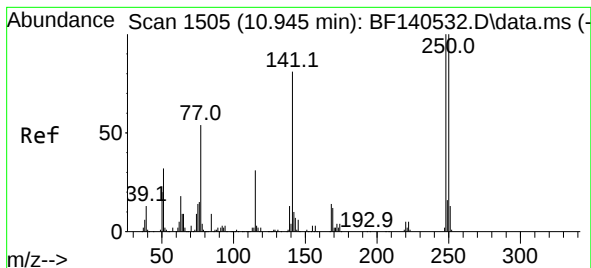
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 47.651 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

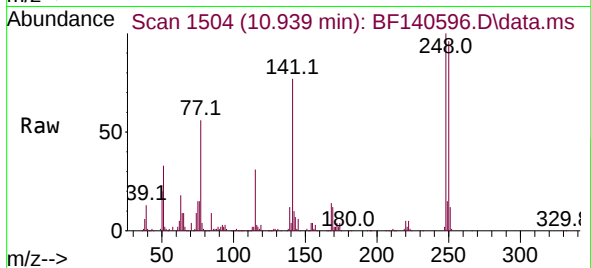
Tgt Ion:169 Resp: 561659
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.168 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

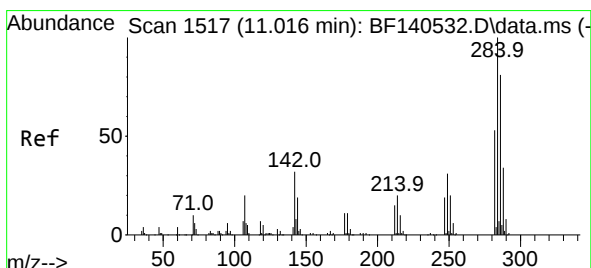
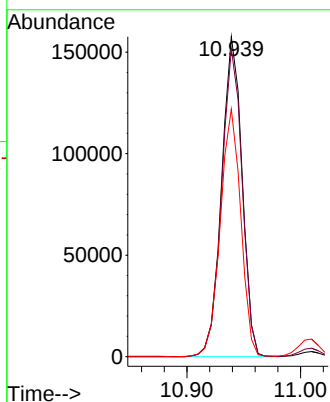
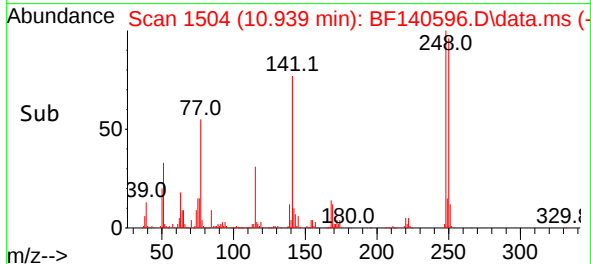
Instrument :
BNA_F
ClientSampleId :
PB165052BS



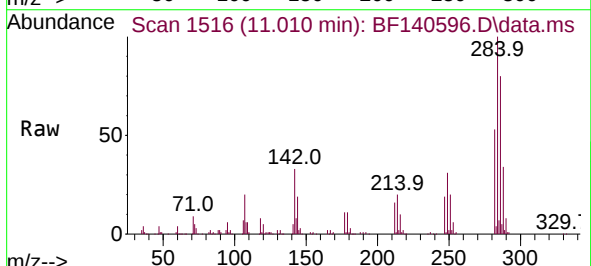
Tgt Ion:248 Resp: 19771
Ion Ratio Lower Upper
248 100
250 96.2 79.8 119.8
141 77.4 64.7 97.1

Manual Integrations
APPROVED

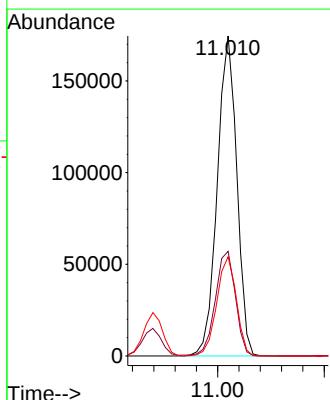
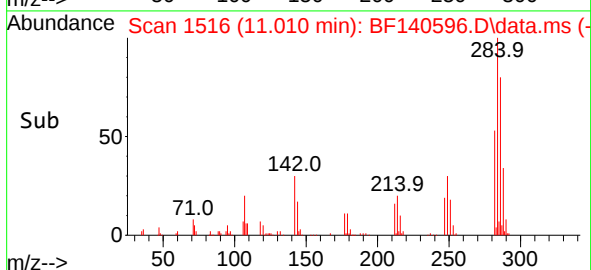
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

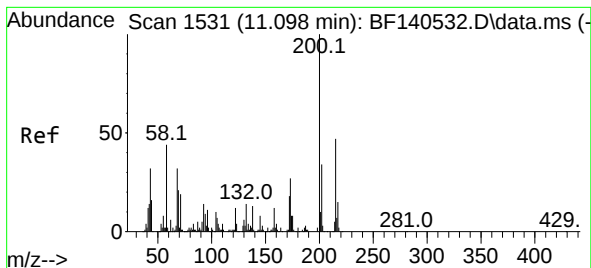


#68
Hexachlorobenzene
Concen: 46.606 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion:284 Resp: 221512
Ion Ratio Lower Upper
284 100
142 32.7 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 57.466 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

Tgt Ion:200 Resp: 190550

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

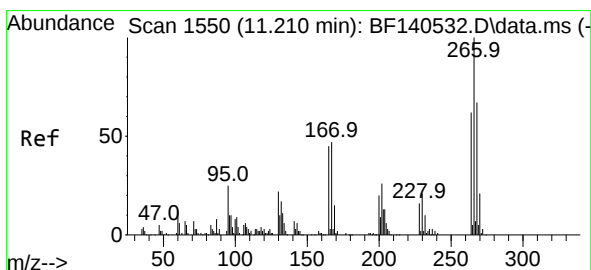
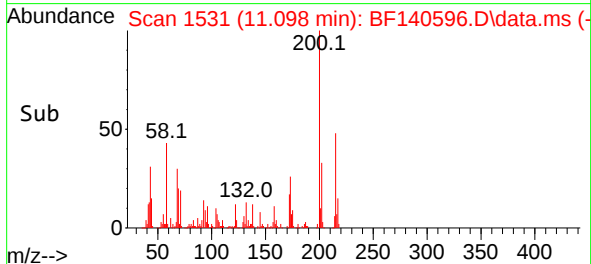
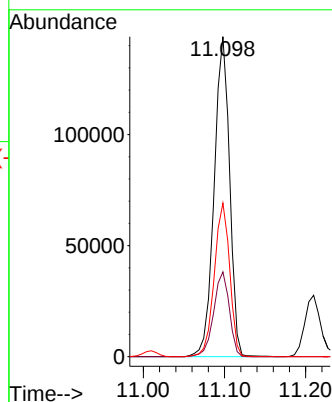
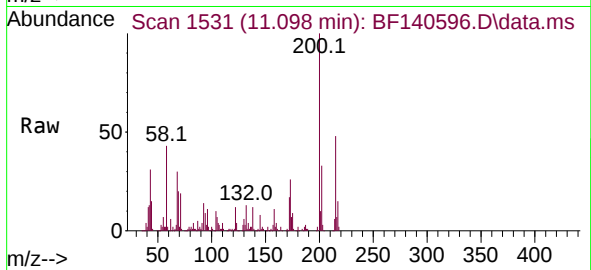
215 48.0 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 100.875 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

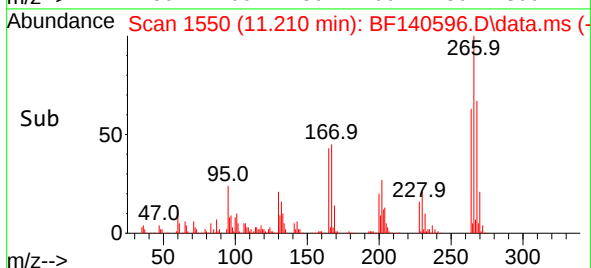
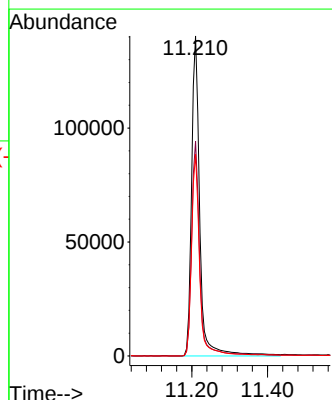
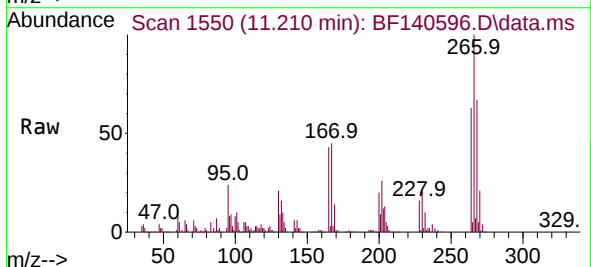
Tgt Ion:266 Resp: 211014

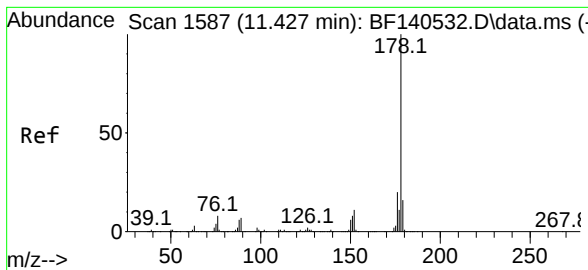
Ion Ratio Lower Upper

266 100

268 67.1 53.7 80.5

264 63.1 49.8 74.8





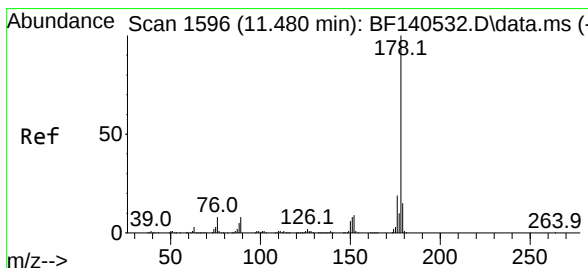
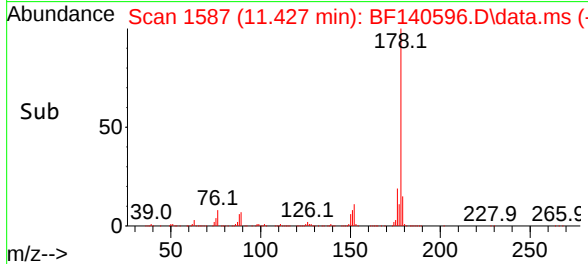
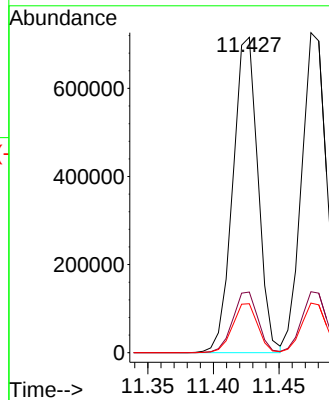
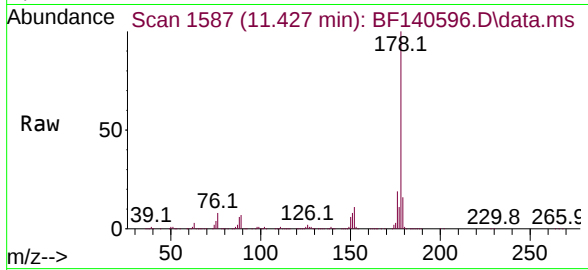
#71
Phenanthrene
Concen: 49.855 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :
BNA_F
ClientSampleId :
PB165052BS

Tgt Ion:178 Resp: 95517
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 12.4 18.6

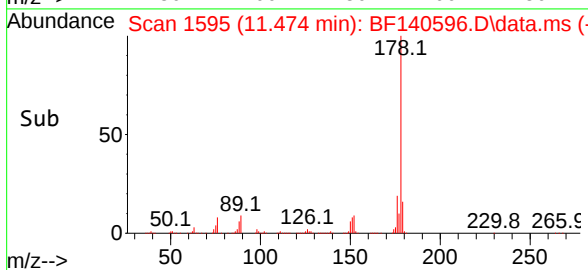
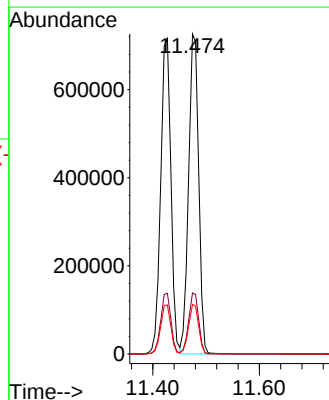
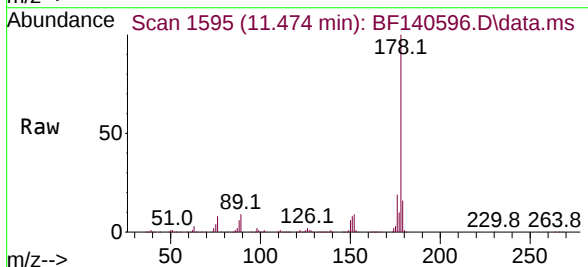
Manual Integrations
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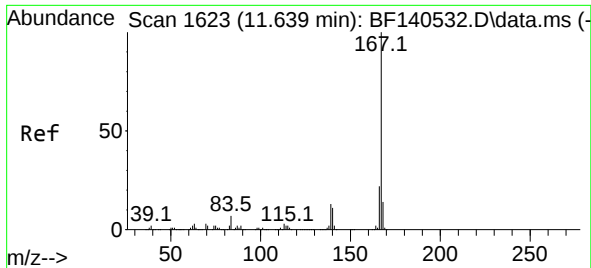
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 50.952 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:178 Resp: 954897
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.5 12.2 18.4





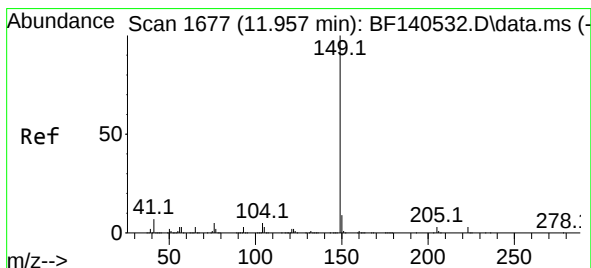
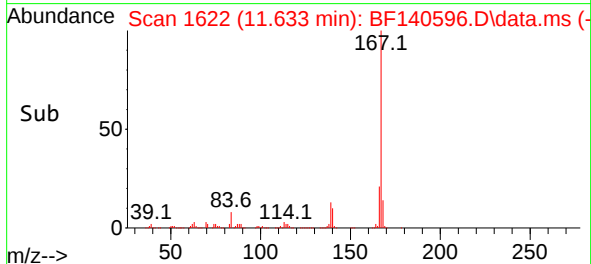
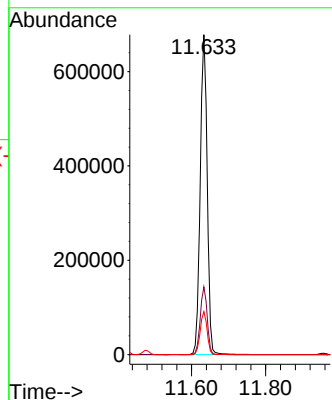
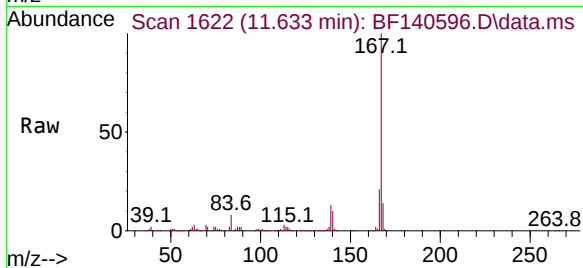
#73
Carbazole
Concen: 48.946 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :
BNA_F
ClientSampleId :
PB165052BS

Tgt Ion:167 Resp: 88245
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 13.4 10.6 15.8

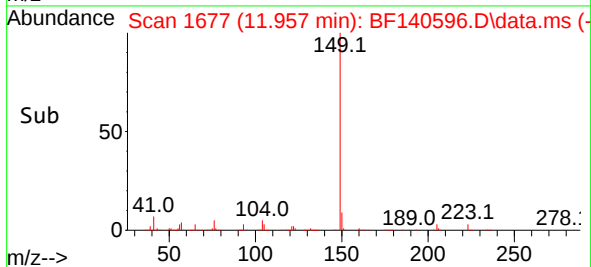
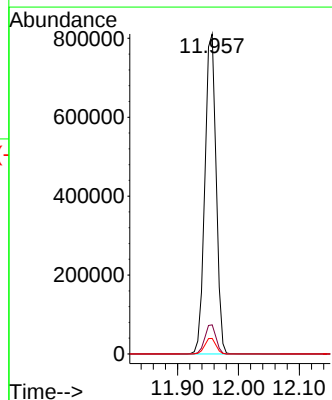
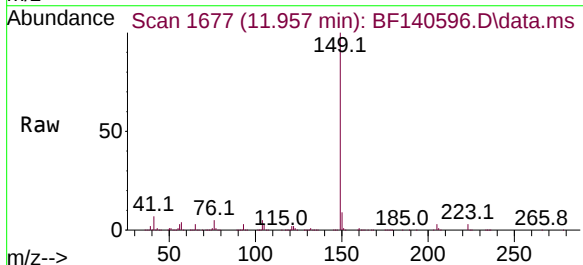
Manual Integrations
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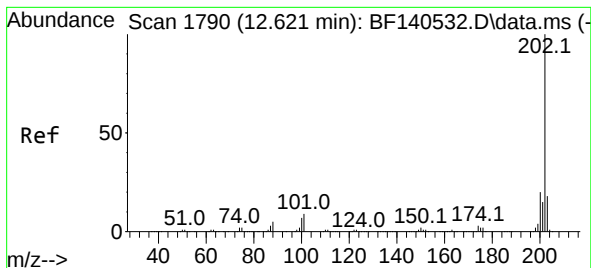
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 49.906 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:149 Resp: 1038777
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 50.082 ng

RT: 12.615 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

Tgt Ion:202 Resp: 1041789

Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.9

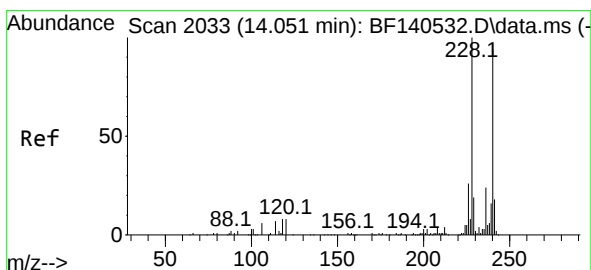
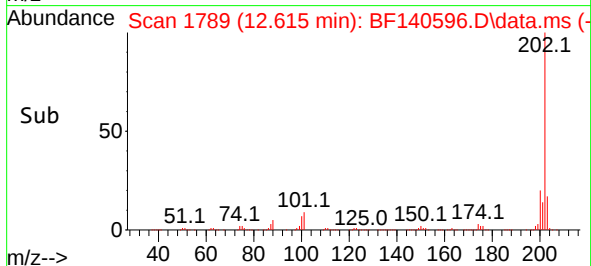
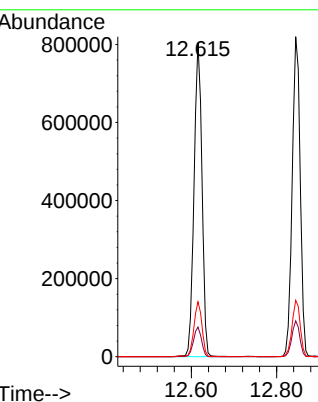
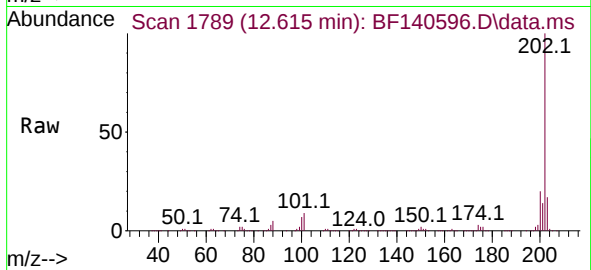
203 17.5 0.0 37.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

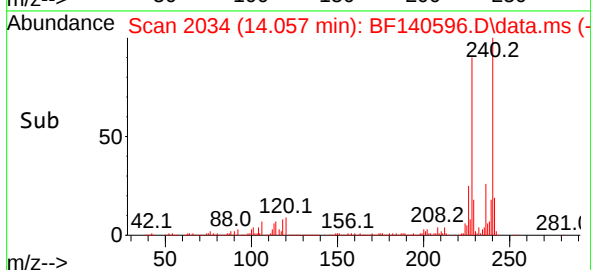
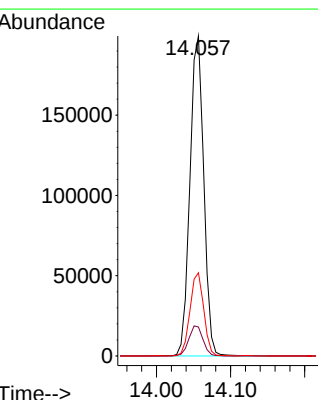
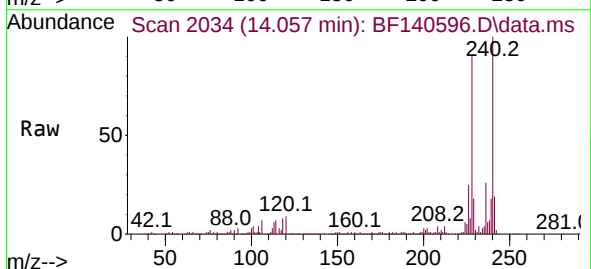
Tgt Ion:240 Resp: 258584

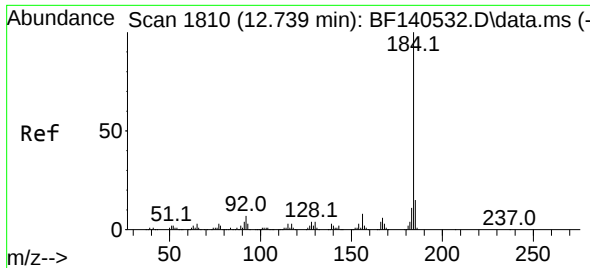
Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 26.0 20.6 31.0





#77
Benzidine
Concen: 30.659 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

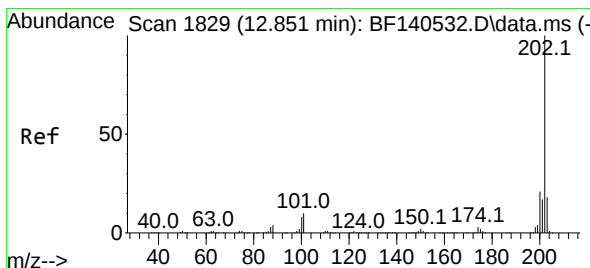
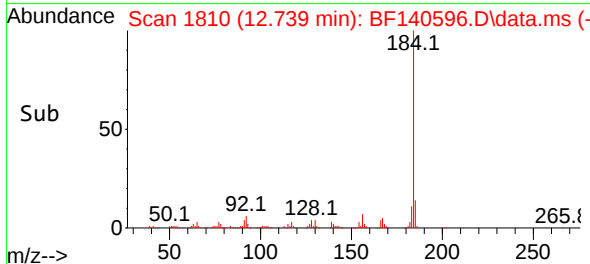
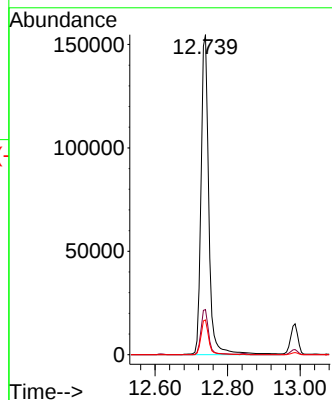
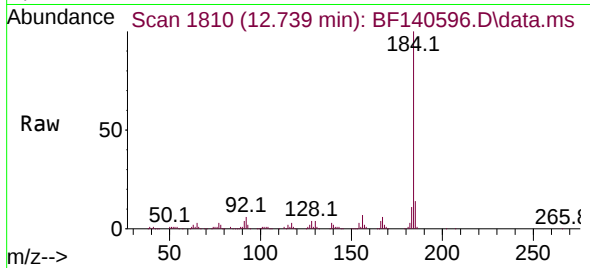
Tgt Ion:184 Resp: 230497
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.9 8.8 13.2

Manual Integrations

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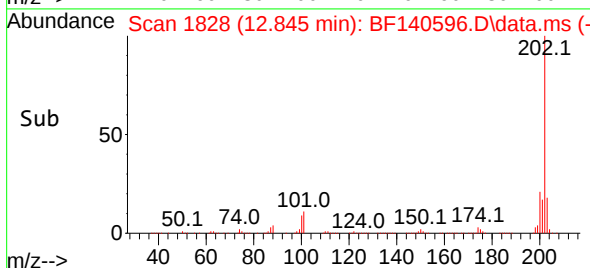
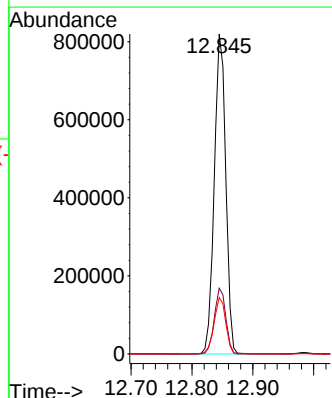
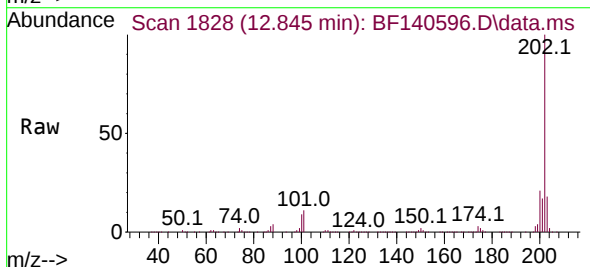
Reviewed By :Yogesh Patel 11/27/2024

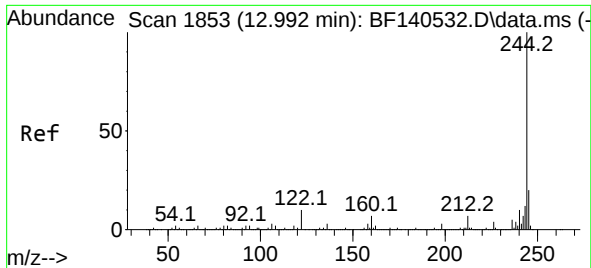
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 44.775 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:202 Resp: 1070546
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.6 14.2 21.4





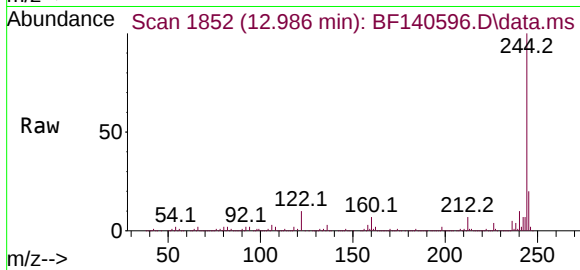
#79
 Terphenyl-d14
 Concen: 88.984 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140596.D
 Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS



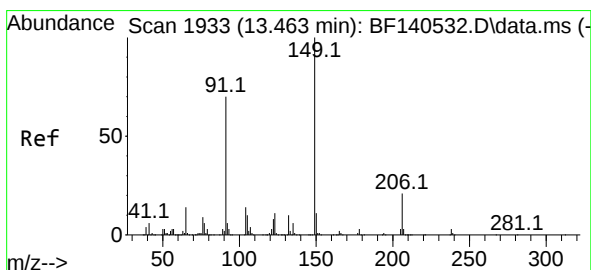
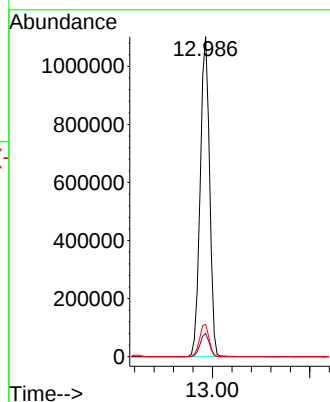
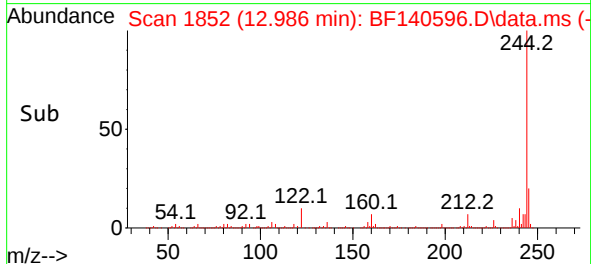
Tgt Ion:244 Resp: 1477711
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.1 8.0 12.0

Manual Integrations

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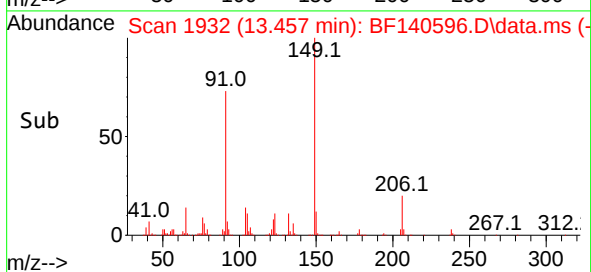
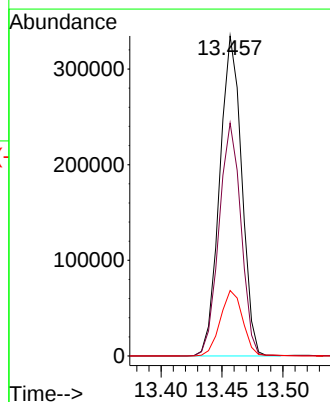
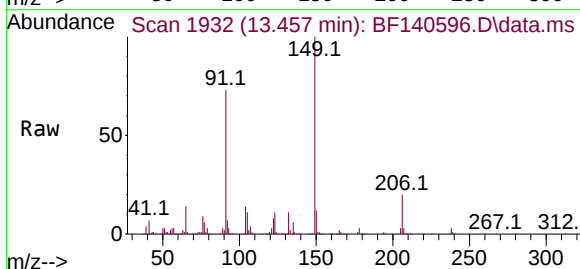
Reviewed By :Yogesh Patel 11/27/2024

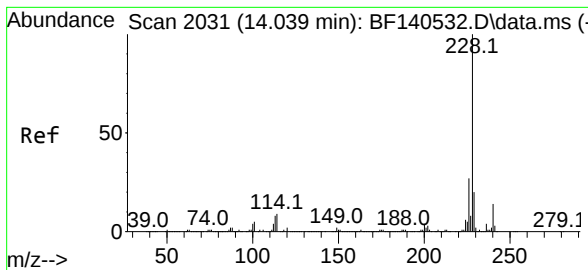
Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 48.945 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140596.D
 Acq: 25 Nov 2024 12:09

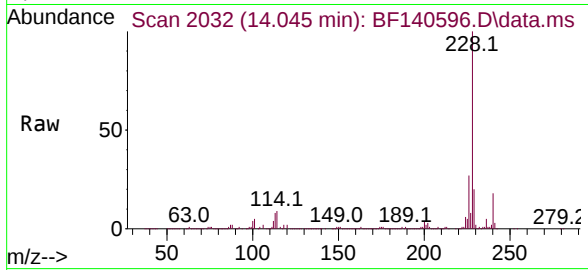
Tgt Ion:149 Resp: 421568
 Ion Ratio Lower Upper
 149 100
 91 72.8 56.2 84.2
 206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 49.081 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

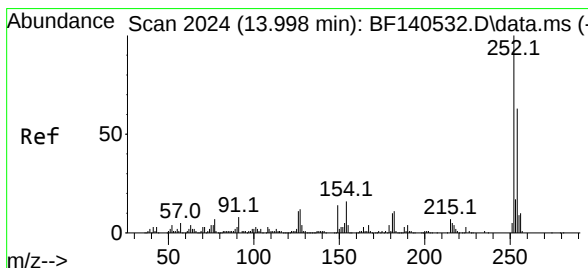
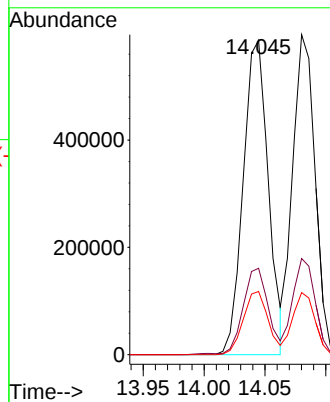
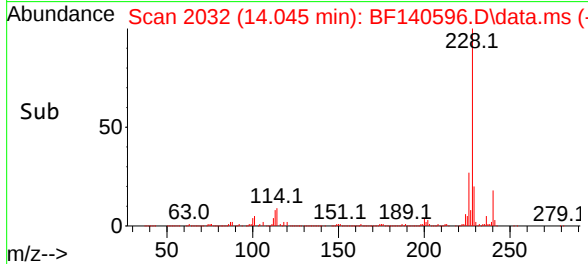
Instrument :
BNA_F
ClientSampleId :
PB165052BS



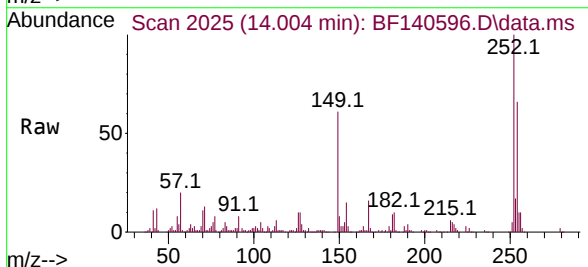
Tgt Ion:228 Resp: 840130
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.1 15.8 23.6

Manual Integrations
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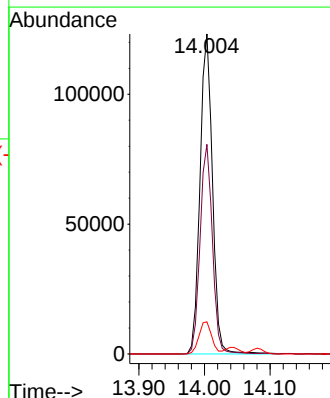
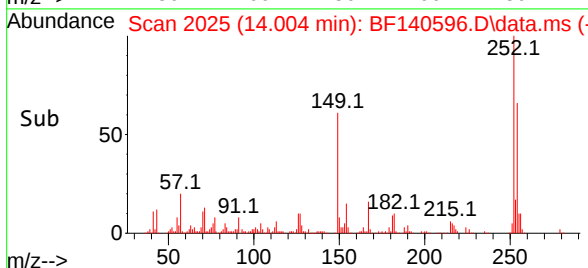
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

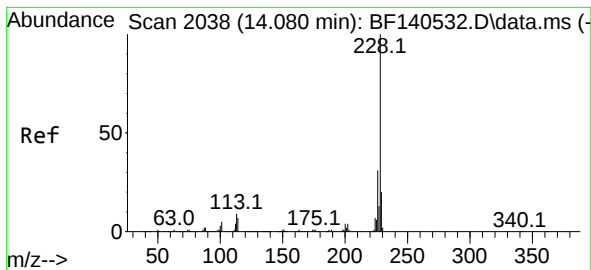


#82
3,3'-Dichlorobenzidine
Concen: 31.699 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09



Tgt Ion:252 Resp: 162909
Ion Ratio Lower Upper
252 100
254 65.5 50.8 76.2
126 10.1 8.6 13.0





#83

Chrysene

Concen: 49.026 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

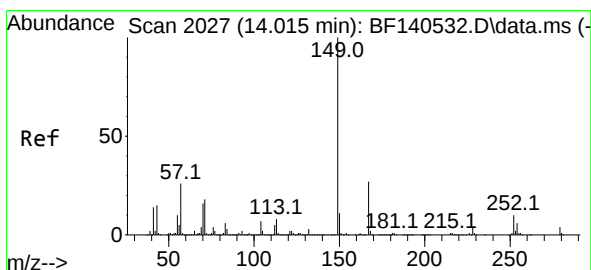
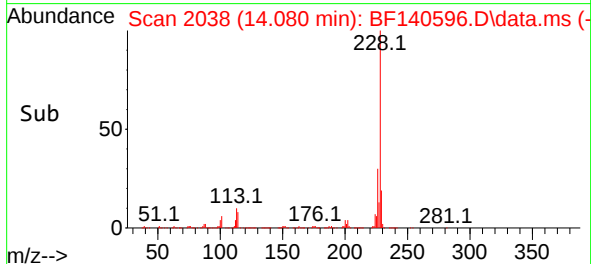
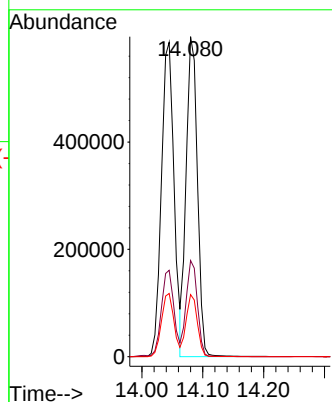
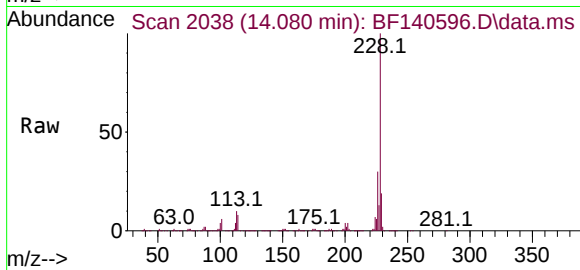
Tgt Ion:	228	Resp:	767340
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	19.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.047 ng

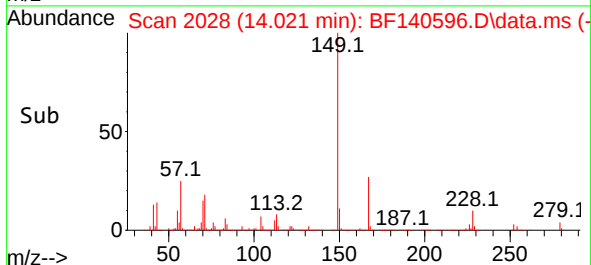
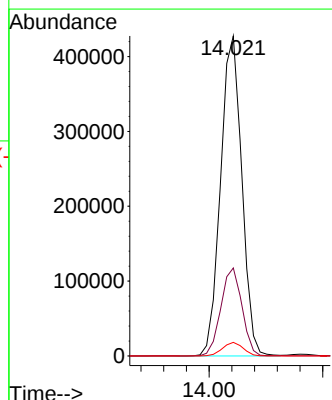
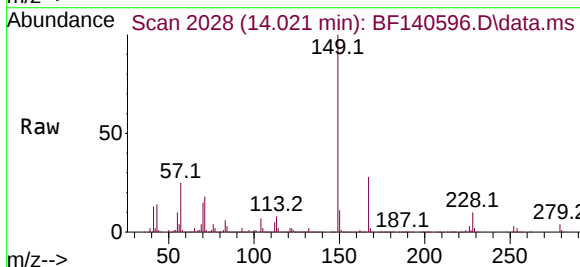
RT: 14.021 min Scan# 2028

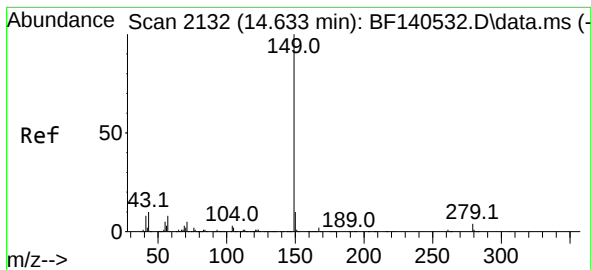
Delta R.T. 0.006 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Tgt Ion:	149	Resp:	555180
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.2	31.8
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 56.077 ng
RT: 14.657 min Scan# 2136
Delta R.T. 0.023 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

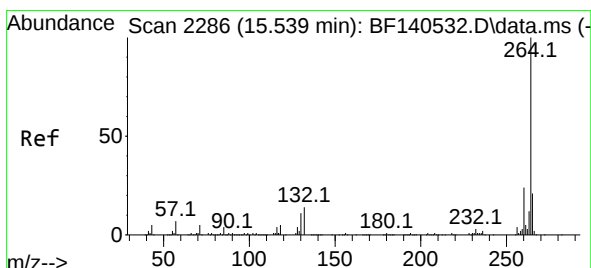
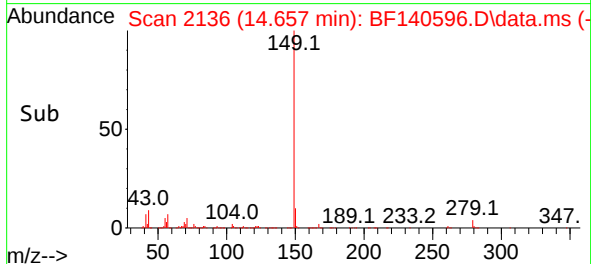
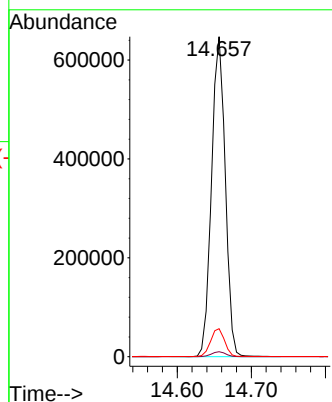
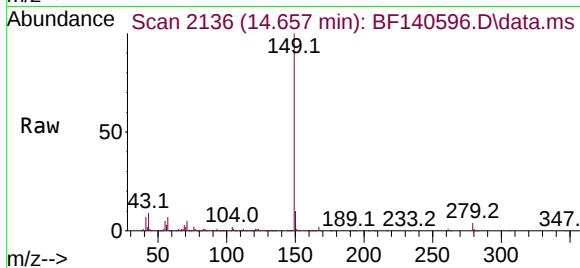
PB165052BS

Tgt Ion:149 Resp: 833480
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.7 11.5

Manual Integrations

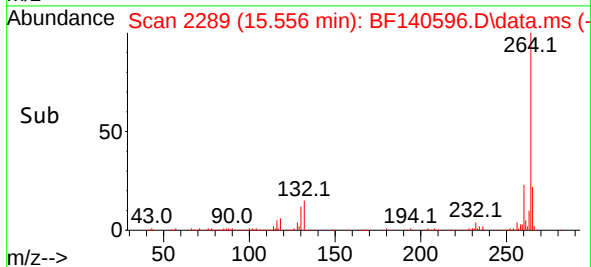
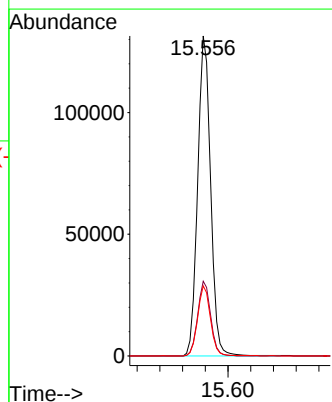
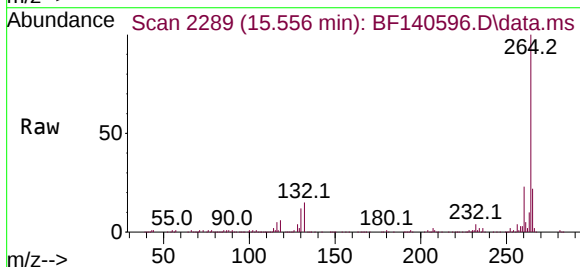
APPROVED

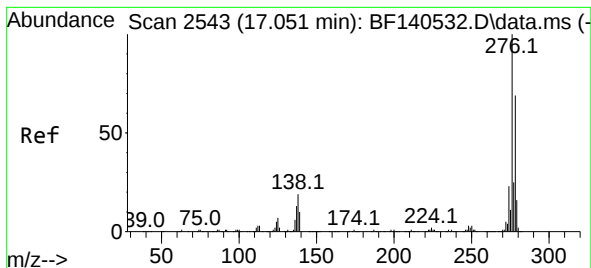
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:264 Resp: 208347
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.658 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

Tgt Ion:276 Resp: 60635

Ion Ratio Lower Upper

276 100

138 21.3 15.5 23.3

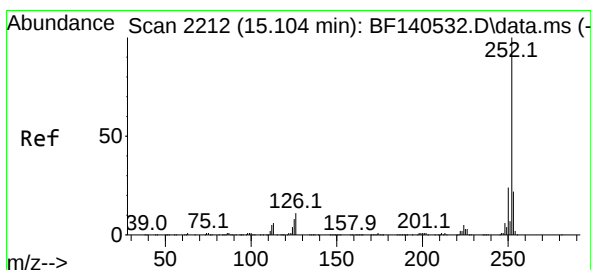
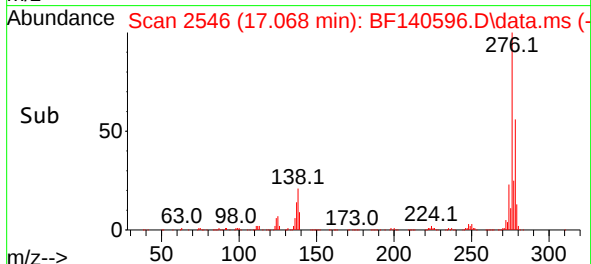
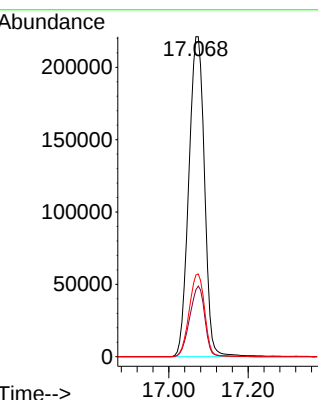
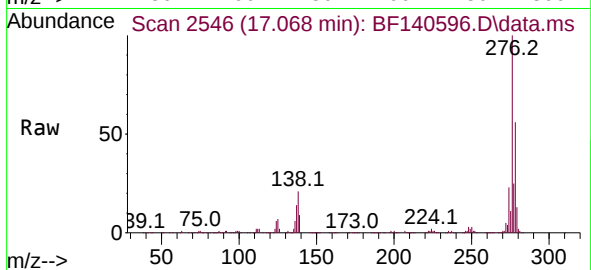
277 25.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 51.653 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

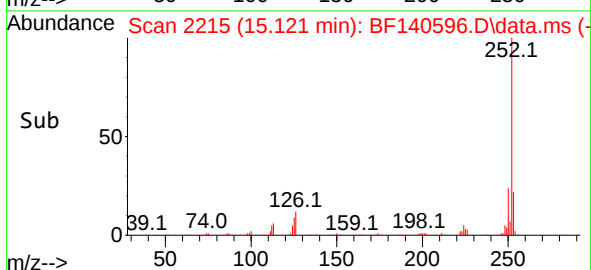
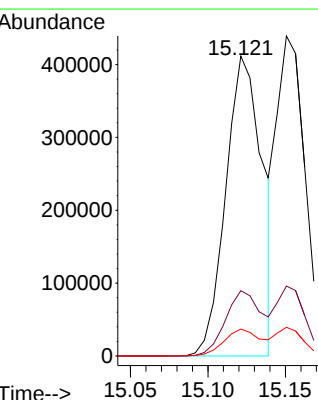
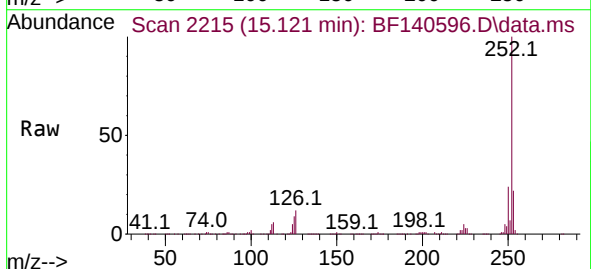
Tgt Ion:252 Resp: 675959

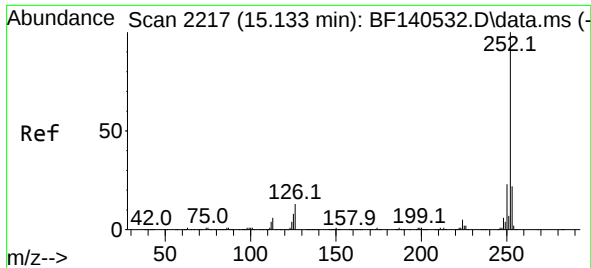
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.0 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 49.379 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

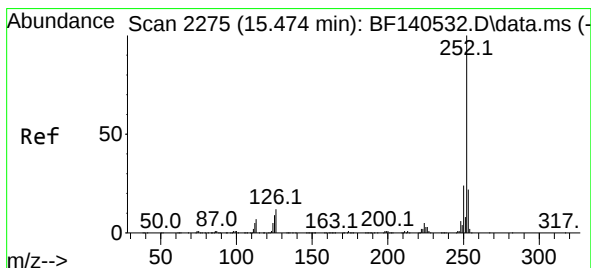
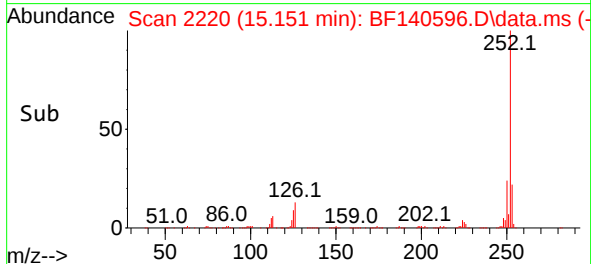
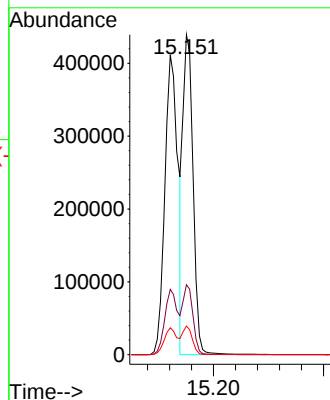
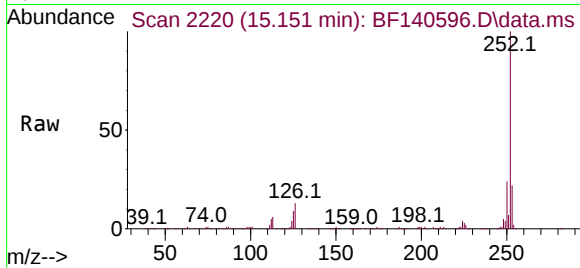
Tgt Ion:252 Resp: 565480
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.0 6.5 9.7

Manual Integrations

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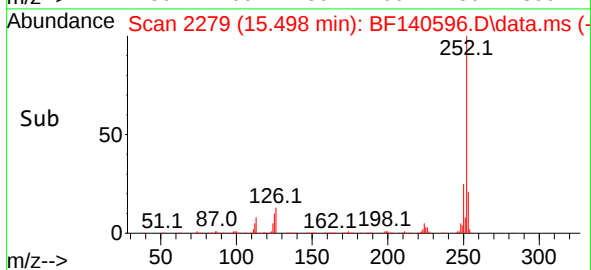
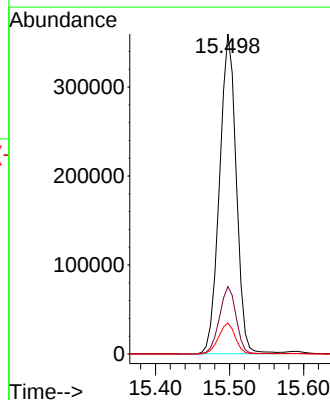
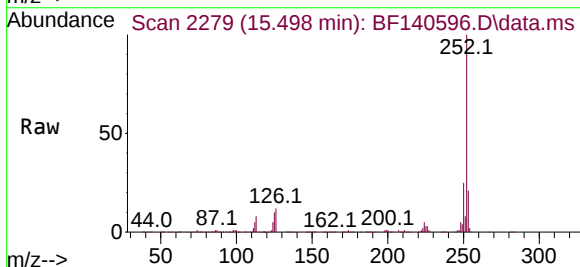
Reviewed By :Yogesh Patel 11/27/2024

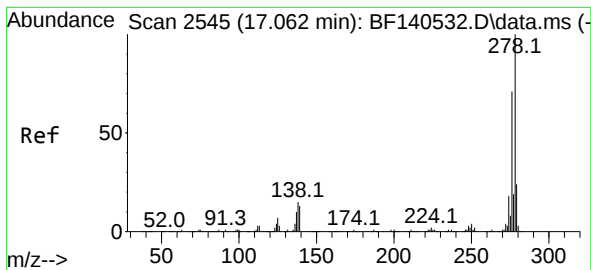
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 53.042 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.023 min
Lab File: BF140596.D
Acq: 25 Nov 2024 12:09

Tgt Ion:252 Resp: 564395
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 9.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.975 ng

RT: 17.086 min Scan# 2545

Delta R.T. 0.023 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB165052BS

Tgt Ion:278 Resp: 50010

Ion Ratio Lower Upper

278 100

139 13.1 10.2 15.4

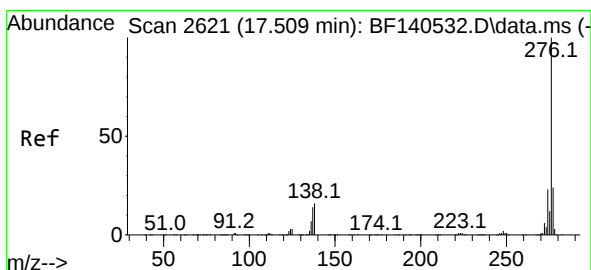
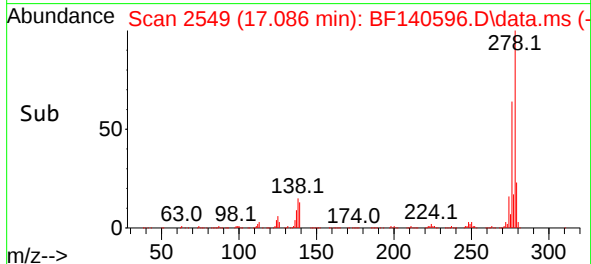
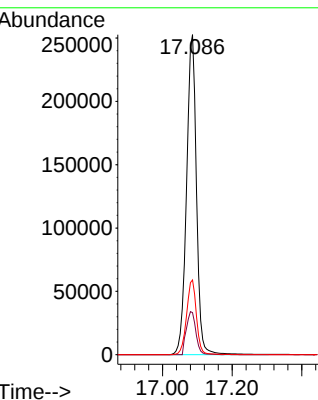
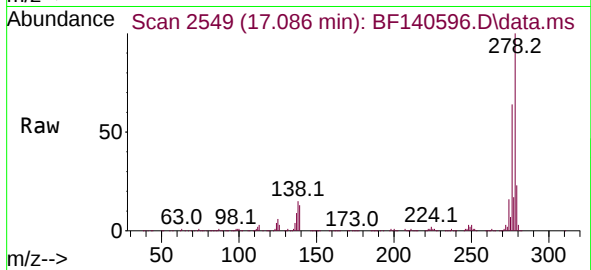
279 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#92

Benzo(g,h,i)perylene

Concen: 39.863 ng

RT: 17.527 min Scan# 2624

Delta R.T. 0.018 min

Lab File: BF140596.D

Acq: 25 Nov 2024 12:09

Tgt Ion:276 Resp: 452329

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 18.0 13.2 19.8

